

## Energy performance certificate (EPC) recommendation report

Shahporan Islamic Jami Mosque &  
Community Trust  
18 Dixon Road  
BIRMINGHAM  
B10 0BP

Report number  
**1779-4782-9288-9929-9808**

Valid until  
**5 September 2032**

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### Energy rating and EPC

This property's current energy rating is E.

For more information on the property's energy performance, see the EPC for this property.

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## Recommendations

Make these changes to improve the property's energy efficiency.

Recommended improvements are grouped by the estimated time it would take for the change to pay for itself. The assessor may also make additional recommendations.

Each recommendation is marked as low, medium or high. This shows the potential impact of the change on reducing the property's carbon emissions.

### Changes that pay for themselves within 3 years

Recommendation	Potential impact
In some spaces, the solar gain limit defined in the NCM is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	Medium
Consider replacing heating boiler plant with high efficiency type.	High
Add optimum start/stop to the heating system.	Medium
The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements.	High

### Changes that pay for themselves within 3 to 7 years

Recommendation	Potential impact
Consider replacing T8 lamps with retrofit T5 conversion kit.	Low
Some windows have high U-values - consider installing secondary glazing.	High
Add weather compensation controls to heating system.	Medium
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	High
Consider replacing heating boiler plant with a condensing type.	High
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	Low

### Changes that pay for themselves in more than 7 years

Recommendation	Potential impact
Some glazing is poorly insulated. Replace/improve glazing and/or frames.	High
Consider installing an air source heat pump.	Low
Consider installing solar water heating.	Low

Recommendation	Potential impact
Consider installing PV.	Low

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## Property and report details

Report issued on 6 September 2022

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Total useful floor area 438 square metres

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Building environment Heating and Natural Ventilation

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Calculation tool G-ISBEM Ltd, G-ISBEM, v25.0, SBEM, v6.1.b.0

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## Assessor's details

Assessor's name Benjamin Burnett

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Telephone

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Email [ben@nrg-uk.co.uk](mailto:ben@nrg-uk.co.uk)

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Employer's name NRG Assessments Ltd

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Employer's address Hill House, Hillwood Road, Four Oaks, Birmingham, B75 5QN

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Assessor ID STER000954

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Assessor's declaration The assessor is not related to the owner of the property.

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Accreditation scheme Sterling Accreditation Ltd

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