

Issue 1

February 2023



LONDON SCHOOL OF ECONOMICS AND POLITICAL SCIENCE

The NAB Electrification Newsletter

Dear Colleagues,

This newsletter provides an update on the New Academic Building Electrification project and associated service shut-downs and mitigation measures.

Inside this issue:

Estates Projects in New Academic Building	1
Electrification—Phases, and Service Shutdowns	2

Estates Division

New Academic Building Electrification

What Estates are doing in New Academic Building (NAB)

The newsletter provides an update on the New Academic Building Electrification and Levels 3-7 refurbishment project, including information on the measures being taken to reduce the impact of the forthcoming service shutdown works. Levels 5-7 refurbishment is now completed. Please see photographs of the new LSE Law School areas below. Works on levels 3 and 4 are currently underway and will enable the Department of Geography to move into the building by the end of Spring Term.



Electrification

We are excited to announce that electrification of the New Academic Building is the first building in the carbon reduction programme to be converted to fully powered by electricity. Electrification of NAB will reduce the Campus gas usage by approximately 8%. This project aligns with the LSE 2030 strategy. As part of the launch the School made a high-profile public announcement committing to reach Net Zero Carbon by 2030 for emissions linked to the energy use of its buildings (Scope 1&2). To deliver this target, the School has adopted a programme of electrification of gas-fed systems campuswide to take advantage of the decarbonisation of the UK electricity grid (LSE already sources electricity from 100% renewable sources). What this means in NAB is that the gas boilers in the basement and chillers on the roof will be replaced with more sustainable air source heat pumps.

Yours sincerely *K Kinsella*

Director of Capital Development



Estates Division
Capital Development

New Academic Building Electrification

Electrification - Work Phases, Service Shutdowns and Planned Disruption

The project consists of a sequence of planned plant replacement and will commence on 8 March 2023 and complete on 17 August 2023. The works will be undertaken in several phases which will affect services in the building:

Work Phase and disruption	March 2023	April 2023	May 2023	June 2023	July 2023	August 2023
LV Panel replacement						
Decommissioning of chillers and installation of air source heat pumps						
Installation of condenser pipework from the roof to the basement;						
Decommissioning of boilers.						
Installation of water heaters serving B, LGF and GF toilets and kitchen						
Contractor's site / workshop set up.						

The works will result in the following disruptions to building services:

Bicycle Parking Closure – 8 March - 17 August 2023 (Please use alternative bike storage and shower facilities in the LGF of the Marshall Building. All personal belongings need to be removed from the area by end of day on 7th March 2023. After this date they will be removed.)

Full building shutdowns (No access to the building) on **Saturday and Sunday 18-19 March 2023, 06-12 April 2023 (Spring Closure) and Saturday and Sunday 15-16 April 2023.**

Short period temporary closures of GF and LGF Toilet Facilities (March-April 2023, dates TBC)

Lincoln's Inn Fields entrance and road closure due to crane lift – Saturday and Sunday 25-26 March 2023 (backup 1-2 April 2023).

No cooling to the building during this period - 13 March - 03 August 2023. (Mitigation measures will be put in place).

No heating to the building – 02 May – 17 August 2023.

Works to Eastern riser core to install condenser pipework affecting all levels – 27 March – 16 June 2023.

Reporting Issues:

If staff or students find any spaces that are cold, facilities that have no hot water or any building damage please report this via the Estates Helpdesk at Estates-Help-Desk@lse.ac.uk and the team will aim to prioritise these areas.

If you have any queries about the upcoming works please contact:

Barbara Moldawa— Senior Project Manager: b.moldawa@lse.ac.uk

Emma Lovegrove—Assistant Director of Capital Development: e.j.lovegrove@lse.ac.uk