

# Galina Katrandzhieva

Edgbarrow School – Year 8 Assembly  
9<sup>th</sup> March 2023



**Scottish & Southern**  
Electricity Networks



# PART A – ABOUT ME



# WORKING FOR SSEN



- Joined SSEN in 2016 as an OHL Design Engineer, mainly on HS2
- Portfolio / Project Manager – 2019
- Senior Project Manager since 2021 working on Stonehenge tunnel and GWR Electrification
- Qualified H & S Practitioner

Responsible for the preparation, planning, delivery and close-out of the project, managing the project and the delivery team through Gate 2 up to Project Handover and close-out after Gate 5.

# PART B – ABOUT SSE



**Scottish & Southern**  
Electricity Networks

# POWERED BY PEOPLE WHO CARE



SSE is the UK and Ireland's clean energy champion. We're building the world's largest offshore wind farm, delivering 1000s of green jobs, and developing enough renewable energy projects to power 2 in 3 UK homes.

Our electricity distribution and transmission networks carry electricity to over 3.8 million homes and businesses across the north of Scotland and also central southern England.

Our skilled teams are based right across the regions we serve, from the bustle of West London to the smallest villages in the Highlands and Islands of Scotland. They are supported by engineering and customer service teams based in major offices and depots in centres like Reading, Portsmouth, Perth, and Inverness.

How are we doing it? People power.

Working with us means joining a team of over 12,000 dedicated people who genuinely care. Whether we're fixing power lines, helping customers, or inventing the energy technologies of tomorrow, we work as a team, look out for one other, and keep each other safe.

There's a real sense of togetherness at SSE. Inclusion isn't a buzzword here – it's how we achieve amazing results while making sure everyone feels heard and supported. Whatever your background, wherever you've come from, we'll listen to your ideas, respect who you are, and make you feel part of our brilliant team.

---



# PART C – OPPORTUNITIES



**Scottish & Southern**  
Electricity Networks



## GRADUATE PROGRAMME

Whatever programme you choose, you'll gain hands-on experience across a number of exciting business areas.

You'll develop invaluable practical skills. You'll build a supportive network. And you could obtain professional qualifications or charterships, such as **IMECHE, ICE and IET**.

Transitioning from student life to your first big career break may feel a little daunting.

We understand the need for work-life balance. So when you join SSE, you'll benefit from our commitment to flexible working. This could mean a hybrid approach with a blend of working from home and in the office or it could mean flexibility across the working week, where operational requirements allow.

One size will not fit all – each employee, manager and team will work together to find the most suitable approach.

- Engineering
- Delivery (Construction)
- Operations
- Commercial
- Manangement
- IT
- Finance
- Land & Consents
- HR

[Graduate Development \(sse.com\)](https://www.sse.com/graduate-development)





## APRENTICE AND TRAINEE ENGINEERING PROGRAMME

Apprenticeships are getting bigger and better.

There's a huge range of apprenticeships available at all levels, so whatever career path you want to take, an apprenticeship will help you get there.

Most of the apprenticeships we offer are strengths based which means you don't need any qualifications to apply.

We also offer higher and degree apprenticeships where you will earn while gaining an HNC, HND or degree qualification at university. The entry requirements for these apprenticeships are Highers / A Levels or equivalent.

<https://careers.sse.com/apprenticeships-and-trainees>

## FIND YOUR PATH

- Electrical
- Fitter
- Multi-Craft
- Lines
- Joiner
- Mechanical
- Control & Instrumentation
- Building Energy Management Services (BEMS)
- Construction Management
- Quantity Surveyor
- Plumber
- Digital





## SUMMER PLACEMENTS

Considering a career in the energy sector? Get a taste of life at SSE and enhance your CV with a summer placement. Open to ambitious undergraduate students.

[Undergraduate Summer Placements \(sse.com\)](https://www.sse.com/undergraduate-summer-placements)

- WHAT IS IN IT FOR YOU:
- Grow your skills with a structured, hands-on development programme, relevant to your degree
- Earn while you continue your university studies
- Discover whether a career in the energy industry is right for you
- Improve your career prospects with SSE and with other future employers
- Build a network of our business experts who may be able to support you in the future

### WHO CAN APPLY:

- We're looking for ambitious undergraduates with a genuine interest in building a career with SSE. If you have completed your second year of undergraduate study in a relevant business, engineering, or STEM-related degree, you are welcome to register your interest.

# PART D – PICTURES OF MY WORK LIFE AND MY PROJECTS



**Scottish & Southern**  
Electricity Networks



# A few pictures of my daily life



Steventon OHL Diversion - 2022



My son enjoying himself in a cable drum at Steventon



My son behind a tower footing, preparing to be an Engineer



Thatcham OHL Diversion 2022



# HIGH SPEED TWO: TBM CECILIA



Aerial view of TBM Cecilia beginning her journey under the Chilterns



# TBM CECILIA – THE BIGGER PICTURE



Google maps snapshot over the Chilterns



# WEST HYDE 132/33kV s/s





# WEST HYDE CONTROL ROOM





# GWR Electrification: STEVENTON





# GWR Electrification: STEVENTON





# GWR Electrification: STEVENTON





# GWR Electrification: THATCHAM





# GWR Electrification: THATCHAM - HDD





# A303 – STONEHENGE PROPOSED TUNNEL



A303 – STONEHENGE PROPOSED WESTERN TUNNEL ENTRANCE

STONEHENGE –  
REINFORCEMENT  
AT  
MANNINGTON





# STONEHENGE – SALISBURY UPGRADE





**THANK YOU FOR YOUR ATTENTION**



**Scottish & Southern**  
Electricity Networks