

Be Bright

Stay Safe

Look out,
look up



UK
Power
Networks 
Delivering your electricity

ukpowernetworks.co.uk



Your life can be lost within seconds if you come into contact with electricity.

Every year, people are killed or seriously injured when they come into contact with high voltage electricity.

This can have a far-reaching and devastating effect on family, friends and colleagues.

Distractions, working long hours, rushing to get the job done, can all impact on how we work and our safety.

Taking time to plan, being prepared and focusing on the way we work can help keep us safe.

WOODEN POLES CAN CARRY TELEPHONE AND ELECTRICITY WIRES. **NEVER ASSUME THE WIRE IS A TELEPHONE WIRE**



LINES CAN BE **RE-ENERGISED** AT ANY TIME



400,000 VOLTS

ELECTRICITY SYSTEMS CARRY VOLTAGE UP TO 400,000 VOLTS. **EVEN 230 VOLTS (DOMESTIC VOLTAGE) CAN BE LETHAL**

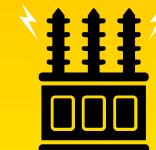
Be Bright

Stay Safe



RUBBER BOOTS WILL NOT PROTECT YOU!

OUR NETWORK DISTRIBUTES ELECTRICITY THROUGH UNDERGROUND CABLES, PYLONS, OVERHEAD POWER LINES, SUBSTATIONS AND OTHER EQUIPMENT



National power cut helpline

POWER CUT? CALL 105

OR CALL US 24 HOURS A DAY ON **0800 31 63 105**

TAKE NOTICE OF ANY YELLOW 'DANGER OF DEATH' WARNING SIGNS. AND STAY WELL AWAY!

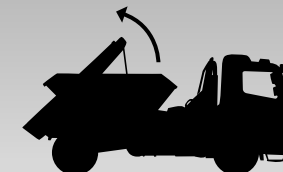


REMEMBER ELECTRICITY **CAN JUMP GAPS**

OVERHEAD POWER LINES ARE OFTEN UNINSULATED (BARE)



REMEMBER SOME MACHINERY, AT MAXIMUM HEIGHT, **CAN EXCEED THE HEIGHT OF OVERHEAD POWER LINES**



TOUCHING ANYTHING IN CONTACT WITH ELECTRICAL EQUIPMENT, EVEN THE LOWEST OF VOLTAGES, CAN BE FATAL



CARRY OBJECTS AND EQUIPMENT HORIZONTALLY AND AT LOW LEVEL TO THE GROUND



The electricity network is designed to keep you safe. But how safe are you when you are working?

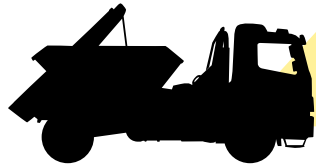
UK Power Networks is the country's biggest electricity distributor, making sure the lights stay on for more than eight million homes and businesses across London, the South East and the East of England.

The safety of our customers and staff is our top priority.

Overhead electricity power lines run across the countryside, supplying local communities with power.

The wires can be on wooden poles as well as metal pylons and carry voltages from 230 volts (domestic supply) up to 400,000 volts. Depending on the voltage the wire will be at different heights above the ground.

Overhead power lines should be 5.2 metres (17 feet) above the ground. However, live equipment fitted on poles may be as low as 4.3 metres (14 feet).



REMEMBER SOME MACHINERY, AT MAXIMUM HEIGHT, CAN EXCEED THE HEIGHT OF OVERHEAD POWER LINES

Keep well away - Electricity can kill



You could be at risk when:

- Loading or unloading vehicles
- Working in poor visibility
- Machinery, plant or equipment exceeds beyond the safe clearance limit
- Using lorries, wagons or tipper trailers
- Stacking materials

If you are building a permanent or temporary structure within close proximity of power lines it's a legal requirement* you notify us in advance to ensure your building is kept at a safe distance from power lines, and to avoid the need to relocate our equipment in the future. This can be done by completing a simple form here www.ukpowernetworks.co.uk/notifyus
*Regulation 18(3) of the Electricity, Quality & Continuity Regulations 2002 (ESQCR)

WATCH OUR HAULAGE ANIMATION BY SCANNING THE QR CODE WITH YOUR PHONE CAMERA.



How can we help?

If you work or live in the UK Power Networks area contact us or look on our website. We provide free information and advice about the precautions and safe working practices to be followed when working close to electrical equipment.

Further advice and guidance is available from the Health and Safety Executive (HSE):

GS6 - Avoidance of Danger from Overhead Lines

HSG47 - Avoiding Danger from Underground Services

What to do in an emergency

If your machinery touches an overhead line:

- Stay inside the vehicle
- Call UK Power Networks, dial 105 and call the emergency services
- Never assume electrical equipment is dead, even if it is fallen or broken
- If it is not possible to stay inside the vehicle **JUMP WELL CLEAR** - so that no contact is made between you, the vehicle and the ground at the same time. **DO NOT CLIMB DOWN**
- Run well clear making leaping strides so that one foot is off the ground at all times
- Do not return to the vehicle. Stay clear - keep everyone away until assistance arrives



To request your FREE vehicle cab stickers visit www.ukpowernetworks.co.uk/internet/en/safety/

If you are unsure who your network operator is then please visit www.energynetworks.org

Be Bright

Stay Safe

Plan your work so it avoids high risk areas. You should manage the risks if you intend to work within a distance of 10m. Contact UK Power Networks for advice on shrouding or disconnections before starting work.

- ⚡ Check - look up and around for overhead power lines before starting work
- ⚡ Contact UK Power Networks for copies of plans showing where power lines are situated and mark this information on site plans
- ⚡ Assess your safe working clearances to overhead power lines. If in doubt, contact UK Power Networks at www.ukpowernetworks.co.uk/notifyus
- ⚡ Ensure everyone working on site, visitors, contractors and casual workers are aware of the location and voltages of the overhead power lines before starting work
- ⚡ If you are erecting scaffolding, tree trimming or planning any other work near to overhead power lines, always contact UK Power Networks for advice on shrouding or disconnections before starting work
- ⚡ Use adequate spotlights or lighting equipment when working in poor visibility or at night
- ⚡ Find out the maximum height of any equipment and machinery that may be used on site when all parts of the machinery are fully extended
- ⚡ Clearly signpost the dangers with high visibility warning notices
- ⚡ Keep overhead power lines in view when moving plant and equipment
- ⚡ Restrict access to work near overhead power lines using barriers

For cable plans visit www.lsbud.co.uk or www.ukpowernetworks.co.uk

NATIONAL POWER CUT HELPLINE

**POWER CUT?
CALL 105**

ADD THIS NUMBER TO YOUR TELEPHONE CONTACTS LIST

Be Bright

Stay Safe



/// what3words

To report broken or damaged powerlines or in an emergency call 0800 31 63 105 or 105 and use what3words to help us locate you faster.



Scan the QR code on your phone to get the app

National power cut helpline

**POWER CUT?
CALL 105**

Or call us
24 hours a day on
0800 31 63 105

For safety advice about overhead power lines, disconnections and general enquiries contact:

www.ukpowernetworks.co.uk



#bebrightstaysafe



@UKPowerNetworks



/ukpowernetworks