



Look out, look up

#bebrightstaysafe

 @UKPowerNetworks  /ukpowernetworks

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, go to:
www.ukpowernetworks.co.uk/

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



ukpowernetworks.co.uk



Look out, look up



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.

Be Bright

Stay Safe

Where equipment or machinery is used near overhead power lines the risk must be considered and controlled in the interest of everyone.

- ⚡ Know the location of overhead electricity power lines and underground electricity cables on your land prior to starting work
- ⚡ Contact UK Power Networks for copies of plans showing where equipment is and mark this information on your farm map. Ensure everyone working on your land, visitors, contractors and casual workers, are aware of the location and voltages of the overhead power lines before starting work
- ⚡ 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
- ⚡ Assess your safe working clearances to overhead power lines. If in doubt, contact the electricity network operator
- ⚡ Never stack anything directly under or near to overhead power lines
- ⚡ Use alternative access points and routes to fields which avoid crossing under overhead power lines
- ⚡ Find out the maximum height and vertical reach of all your machinery and equipment
- ⚡ Train staff to be aware of the risks associated with overhead power lines and underground electricity cables
- ⚡ Ensure everyone on site is aware of the national power cut and emergency number 105 and they have the number in their mobile phone

For further advice and cable maps visit www.ukpowernetworks.co.uk/

NATIONAL POWER CUT HELPLINE

**POWER CUT?
CALL 105**

ADD THIS NUMBER TO YOUR TELEPHONE CONTACTS LIST

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):

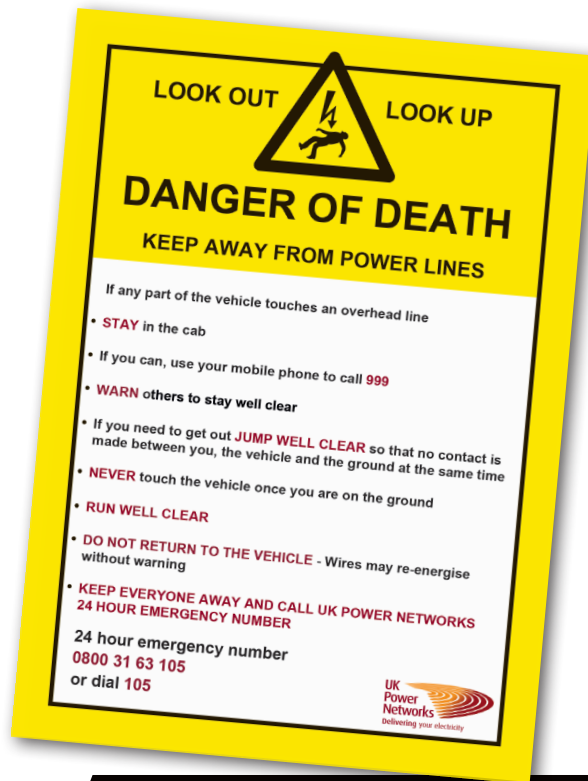
GS6 - Avoidance of Danger from Overhead Lines

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



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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




Delivering your electricity

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)



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



TREES, STRING, ROPES, SUSPENSION LINES, FISHING RODS AND WATER **CAN ALL CONDUCT ELECTRICITY**



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



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

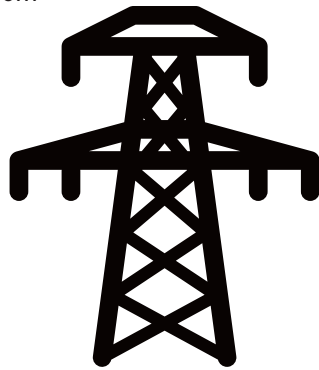
UK Power Networks is the country's biggest electricity distributor, making sure the lights stay on for more than eight million homes and businesses across London, the South East and the East of England.

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,
ATTACHMENTS
SUCH AS ARIELS
CAN INCREASE
THE FULL HEIGHT
OF YOUR VEHICLE**

Keep well away - Electricity can kill



You could be at risk when:

- Using farm machinery such as combine harvesters, tractors and telehandlers
- Loading or unloading vehicles
- Using long objects such as irrigation pipes and ladders
- Stacking materials
- Using lorries, wagons or tipper trailers
- Working in poor visibility

