

Ensure attendance to site is recorded at the Substation Access Point (T-card) and using SafeGrid

What happened?

At Bramley 400kV substation, on the afternoon of Friday 25th July an ET AO employee was getting ready to head home from work. Before leaving site, they went through their normal routine of locking the substation to keep it secure.

At the gate they checked out of SafeGrid as the last person and checked the access control point to confirm no one else was on site. Seeing only their own T-card, they armed the electric fence.

How are the people involved?

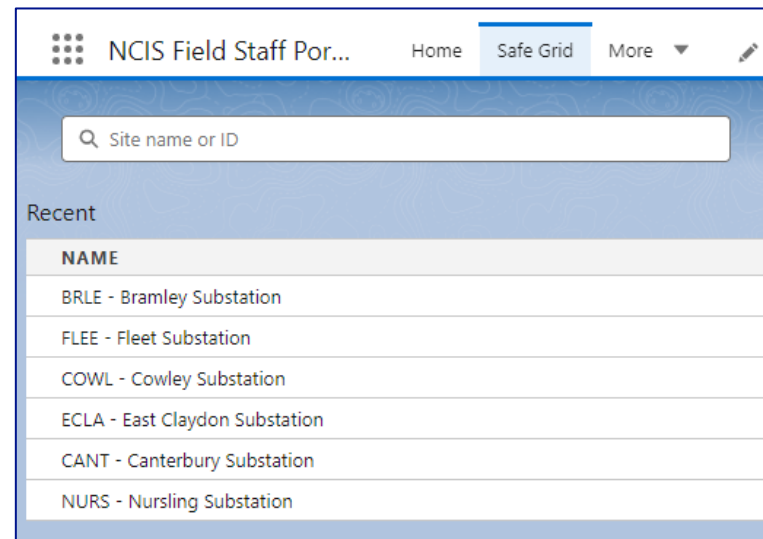
An OHL contractor working near the electric fence received an electric shock, there were no injuries sustained as a result of the incident.

Why did it happen?

The OHL supervisor of the contractors stated that their T-card was present at the time of the incident. It is assumed that either this T-card was not present or missed by the person leaving site. There is no record of the OHL contractor being signed into SafeGrid. Additional controls were not established for those working in proximity of the fence

Actions to prevent a reoccurrence

- Ensure yourself and others, including contractors record their presence on site using T-cards and SafeGrid, as per AMBP 301.
- Risk assess and establish controls where a minimum clearance of 2 meters cannot be maintained from the electric fence.



Key learning points

- AMBP 301 covers all access requirements to all operational locations. Upon site induction everyone should be made aware of their own responsibilities of recording site attendance.
- If you are aware of those not using T-cards or SafeGrid, please challenge or escalate as necessary.
- Electric fences should always be assumed to be live; 2 meters should be kept from exposed conductors. Additional controls should be established if there is a risk of contact.