



**Energy Supply
Association of Australia**
GPO Box 1823Q
Melbourne VIC 3001
 Telephone 03 9670 0188
 Facsimilie 03 9670 1069
 emma.henley@esaa.com.au

Alinta Network Services
Locked Bag 4001
Moorabbin Vic 3189
 Telephone 03 9265 7816
 Facsimilie 03 9265 7838



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DATE OF INCIDENT:	25/11/2004	esaa No:	10/2004

Brief description of accident/incident (include voltage): Glove & Barrier Flashover 22KV

An Alinta contract work crew was carrying out a planned Low Voltage cross arm change. While carrying out the work the crew observed that the High Voltage (HV) cross arm had symptoms of deterioration and required replacing. The crew decided to replace the HV crossarm Live-Line Glove & Barrier method utilising a temporary crossarm to support the conductors.

After replacing the HV crossarm the crew were installing the HV insulator to the crossarm when the insulating mat on the solid HV bridge was dislodged, and contact was made with the steel pin of the insulator and the HV Bridge. This resulted in an electrical flashover, causing the feeder Automatic Circuit Recloser (ACR) to lockout.

Extent of injury/damage:

No Injuries were sustained. Minor damage to electrical equipment.

Local action taken:

- The work Crew contacted the Alinta control room to advise they were not injured and the cause of the outage.
- The work Crew made the site safe and supply was restored.
- An investigation commenced by Alinta and Thiess Services

Additional comments:

Industry personnel are reminded:

- That temporary LV Crossarms shall only be used on Low Voltage assets only.
- To ensure that adequate cover up is utilised and secured to prevent second points of contact
- To maintain clearances between conductors and conductive structures.

FURTHER INFORMATION - CONTACT: Robert Foord Field Practices & Compliance (03) 9265 7816
