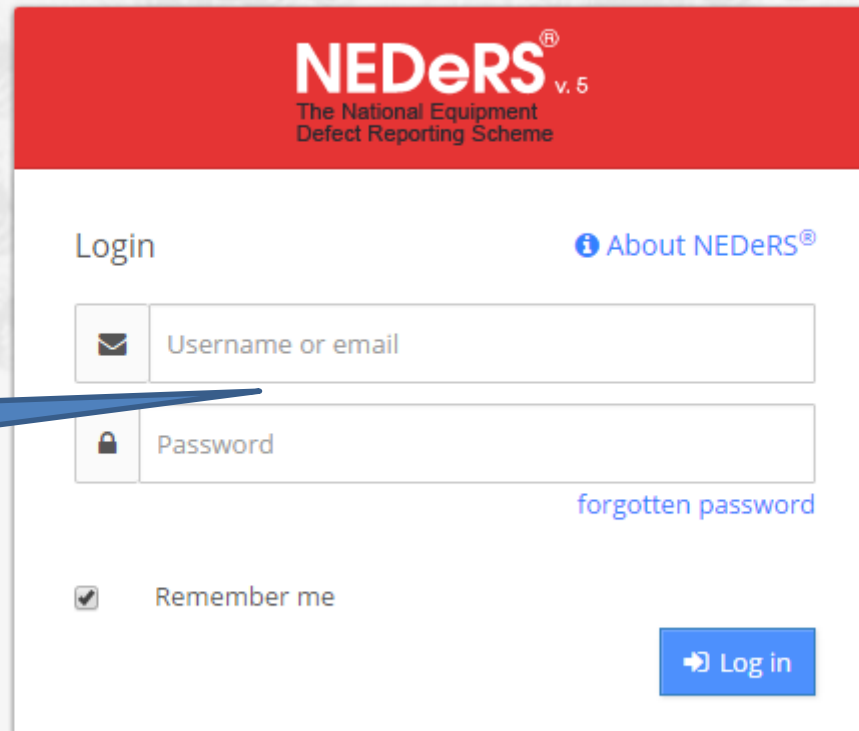


Overview of the **NEDeRS® v5** web based scheme

New version 5 Features include:

- Reports now in email format as well as pdf.
- Mobile friendly format.
- Updated interface, Modernized but still familiar
- Improved search facility with ability to sort results.

Log in Screen



The login screen for NEDeRS v.5 features a red header with the logo and title. Below the header, the word 'Login' is displayed on the left, and a link 'About NEDeRS®' is on the right. The main form contains two input fields: 'Username or email' with an envelope icon and 'Password' with a lock icon. A 'forgotten password' link is positioned below the password field. At the bottom left, there is a 'Remember me' checkbox. A blue 'Log in' button with a right-pointing arrow is located at the bottom right.

NEDeRS[®] v. 5
The National Equipment
Defect Reporting Scheme

Login [About NEDeRS[®]](#)

Username or email

Password [forgotten password](#)

☒ Remember me

[Log in](#)

Enter your
User ID and
Password
here

© 2016 ENA

Entry Page

The screenshot shows the NEDeRS website interface. A red banner at the top left contains the NEDeRS logo and version information. The navigation bar includes links for Home, Submit Incident Data, Browse Incidents, Knowledge Base, Post a message, and Help. A user login link for 'Mr T Test Log in' is on the right. The main content area is divided into two sections: a Bulletin Board on the left and a Latest incidents table on the right. A callout points to the Bulletin Board, another to the Latest incidents table, and a third to the navigation bar's 'Post a message' link.

NEDeRS[®] v. 5
The National Equipment Defect Reporting Scheme

Home Submit Incident Data Browse Incidents Knowledge Base Post a message Help

Mr T Test Log in

Bulletin Board

Mr B Pentecost (ENA) Bernard Pentecost 12/07/2016

For Info: The investigations by Australian authorities into the cause of the failure of the Long and Crawford GF3 combined fuse switch which resulted in fatalities is still on-going. A formal report is being prepared for the Coroner by WorkSafe (W.A Government). Once the Coroners proceedings have been completed it is hoped the Australian authorities will be able provide a technical description of the sequence of events and conclusions/recommendations for future reference. It will be at least 12 months before they will be in a position to do this.

Latest incidents

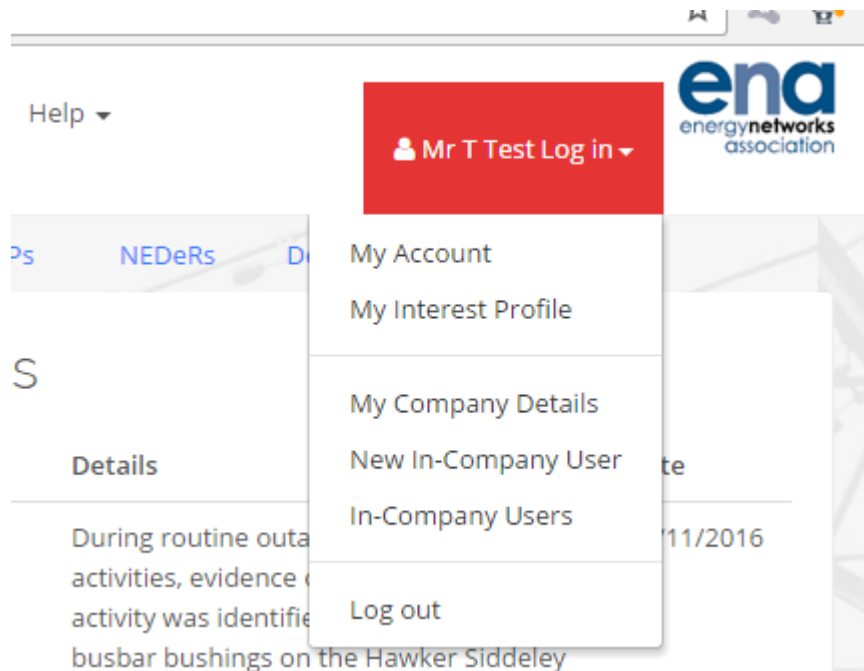
Reference	Equipment	Details	Date
NEDeRS 2016/0830/00	Circuit Breaker - Hawkgas HG36 - Hawker Siddeley	During routine outage electrical switching activities, evidence of partial discharge activity was identified on the circuit and busbar bushings on the Hawker Siddeley HG36 33kV SF6 Gas Circuit Breaker truck. There were also signs of overheating and carbon deposits on the same truck. Following this observation, the corresponding busbar and circuit spouts on the fixed portion of the switchgear were inspected. This inspection revealed signs of significant arcing between the corona rings and the ins	01/11/2016
NEDeRS 2016/0830/01	Circuit Breaker - DV Compact Form C - Whipp & Bourne	During planned outage maintenance on the Whipp and Bourne DVC 11kV Circuit Breaker, it was identified that the drive linkage for the on/off indicator was not operating when the switchgear was operated. Upon closer inspection it was identified that the pin connecting the drive link to the drive arm (mounted on the drive shaft), had sheared, rendering the on/off indicator inoperable.	01/11/2016

Drop down menu bar

Messages from NEDeRS admin or other Users

Details of the last incidents posted

Accessing Your Profile



This is the “Company Administrators” screen view. “Standard” and “Read Only” users will have restricted options.

Profile Page

NEDeRS[®]
The National Equipment
Defect Reporting Scheme v. 5

Home

ena
energy networks
association

* Surname ⓘ
Test Log in

* Full Name/Salutation ⓘ
Mr T Test Log in

Initial(s)/Forename ⓘ
T

Title ⓘ
Mr

* Company ⓘ
Energy Networks Association ▼

Job Title ⓘ
Test

* Email ⓘ
Email address

← Back

Save Changes

Reset Password

Help!

Menu

Update your own personal details

Interest Profile

NEDeRS[®] v. 5
The National Equipment
Defect Reporting Scheme

Home

ena
energynetworks
association

View/Modify Interest Profile Create/Add to Interest Profile Interest Profile Matches

Individual items of equipment/plant

Circuit Breaker - CMP-V - Ormazabal	REMOVE
Circuit Breaker - CPG.0-C - Ormazabal	REMOVE
Circuit Breaker - CPG.0-L - Ormazabal	REMOVE

Voltage Group(s)

>36 KV	REMOVE
--------	--------

✕ Delete Profile

! Help!

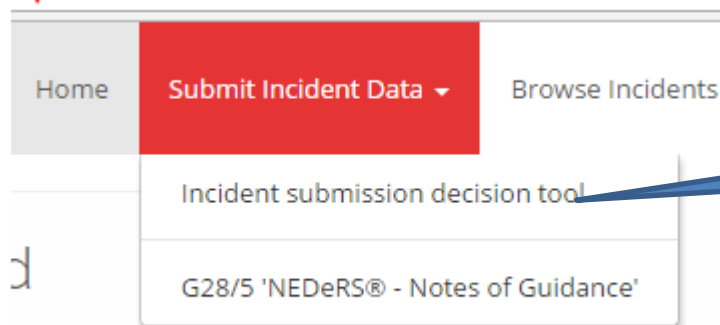
≡ Menu

Select what you want the scheme to notify you about

Profile choices displayed for future reference

Remove criteria if your needs change

Entering Reports



Select your incident type using the Incident submission tool

Follow the selection criteria

A screenshot of the 'Incident Submission Decision Tool' form. The title 'Incident Submission Decision Tool' is at the top. Below it is the question 'Are you amending/updating an existing incident?' with 'Yes' and 'No' buttons. At the bottom is a 'Cancel and Return to Main Menu' button.

Incident Submission
Decision Tool

Are you amending/updating an existing incident?

Yes No

Cancel and Return to Main Menu

Entering Reports

NEDeRS[®] v.5
The National Equipment
Defect Reporting Scheme

Home

New Dangerous Incident Notification (DIN)

Reference ⓘ System assigned

* Reporting company ⓘ Energy Networks Association ▼

* Contact ⓘ --- Please Select --- ▼

* Initiating officer ⓘ --- Please Select --- ▼

Incident location ⓘ

Incident date ⓘ dd/mm/yyyy

Time of incident ⓘ hh:mm (24hr)

* Indoor/outdoor ⓘ
☐ Indoor
☐ Outdoor
☐ Unspecified

Submit
Save
Validate
Attached Files
Linked Incidents
Find Equipment

Help!
Menu

Easy to use data entry sheets

Drop down menus for reporting consistency

Mandatory fields are marked *

Attach reports, pictures and link to similar incidents

Searching NEDeRS

The screenshot shows the NEDeRS v.5 website. The top navigation bar includes links for Home, Submit Incident Data, Browse Incidents, Knowledge Base, Post a message, and Help. The 'Browse Incidents' dropdown menu is open, showing options for Basic Search, Advanced Search, and My Postings. A blue callout box with an arrow points to the 'Basic Search' and 'Advanced Search' options, containing the text: 'Select basic or Advanced search option'.

NEDeRS[®] v.5
The National Equipment Defect Reporting Scheme

Home Submit Incident Data **Browse Incidents** Knowledge Base Post a message Help

Basic Search
Advanced Search
My Postings

Bulletin Board

Mr B Pentecost (ENA) Bernard Pentecost 16

For Info: The investigations by Australian authorities into the cause of the failure of the Long and Crawford GF3 combined fuse switch which resulted in fatalities is still on-going. A formal report is being prepared for the Coroner by WorkSafe (W.A Government). Once the Coroners proceedings have been completed it is hoped the Australian authorities will be able provide a technical description of the sequence of events and conclusions/recommendations for future reference. It will be at least 12 months before they will be in a position to do this.

Latest incidents

Reference	Equipment	Details
NEDeR 2016/0830/00	Circuit Breaker - Hawkgas HG36 - Hawker Siddeley	During routine activities, equipment activity was observed on busbar busbar HG36 33kV. There were carbon deposits. Following investigation and repair work on the fixings were inspected.

Basic Search menu

NEDeRS[®]
v. 5
The National Equipment
Defect Reporting Scheme

Home

enda
energynetworks
association

Basic Search

Advanced Search

Search Results

Return Incident Type(s) ?
☒ DIN ☒ SOP ☒ NEDER ☒ Defect

Return latest update only ? ☒

Reference ?
Reference (full or part)

General search ?
Enter search term

Issue date ?
From (dd/mm/yyyy) To (dd/mm/yyyy)

Reporting company group ?
--- No Filter Applied ---

Equipment ?
RMU - RN6c - Schneider Electric

Search

Reset

Help!

Menu

Use as many of these fields as you need

Advanced Search menu

NEDeRS[®] v.5
The National Equipment
Defect Reporting Scheme

Home

enda
energynetworks
association

Basic Search Advanced Search Search Results

Return Incident Type(s) ☒ DIN ☒ SOP ☒ NEDER ☒ Defect Return latest update only ☒

General search [Search](#)

Serial Number [Reset](#)

Issue date [Help!](#)

Reporting company group [Menu](#)

Reporting company
24seven Utility Services Ltd
ABB Utility Services
Actemium

Manufacturer group

Manufacturer
** All Manufacturers **
** unspecified **

Use as many of these fields as you need

Search Results

NEDeRS v. 5
The National Equipment Defect Reporting Scheme

Home

ena energynetworks association

Basic Search Advanced Search Search Results

Showing 1 - 14 of 14 incidents

Results Per Page ▾

Help! Menu

Download (CSV) Download (Excel)

Type	Reference	Date Issued	Reporting Company	Equipment	Manufacturer	Description	View	Soft Copy
DIN	2016/0008/01	7 Jul 2016	Electricity North West	RMU - RN6c - Schneider Electric	Schneider Electric	During pre-commissioning, Switch 1 appeared to fail on 7/12/2015. It was on the RMU and was not reset. The RMU was on the RMU and was not reset. The RMU was on the RMU and was not reset.	VIEW	ZIP
DIN	2014/0003/00	27 Jan 2014	SP PowerSystems Ltd	RMU - RN6c - Schneider Electric	Schneider Electric	RMU failed. The cause of the failure is still to be confirmed but it is suspected that the closing of the RMU failed. The cause of the failure is still to be confirmed but it is suspected that the closing of the RMU failed.	VIEW	ZIP
DIN	2012/0051/01	27 Sep 2013	SP PowerSystems Ltd	RMU - RN6c - Schneider Electric	Schneider Electric	Disruptive failure reported to be within RMU. The RMU failed. The cause of the failure is still to be confirmed but it is suspected that the closing of the RMU failed.	VIEW	ZIP
DIN	2013/0035/00	24 Jul 2013	Scottish & Southern Energy	RMU - RN6c - Schneider Electric	Schneider Electric	RMU failed. The cause of the failure is still to be confirmed but it is suspected that the closing of the RMU failed.	VIEW	ZIP
DIN	2008/0020/01	17 Jul 2008	Scottish & Southern Energy	RMU - RN6c - Schneider Electric	Schneider Electric	RMU failed. The cause of the failure is still to be confirmed but it is suspected that the closing of the RMU failed.	VIEW	ZIP

Sort results

View or download a copy

Post Feedback

The screenshot shows the ENA website's 'Post Feedback' form. At the top, there is a navigation bar with 'edge Base', 'Post a message', and 'Help'. Below this, a dropdown menu for 'Post a message' is open, showing options: 'Post feedback to system administrators', 'Post a bulletin', and 'Defect'. The main content area is titled 'Post Feedback' and contains the following fields:

- Feedback Type:** A dropdown menu with the text '---Please Select---'. A callout bubble points to it with the text: 'Select what you need to tell us'.
- Contact Preferences:** A text input field. A callout bubble points to it with the text: 'How do you want us to respond to you'.
- Message Text:** A rich text editor with a toolbar containing icons for bold, italic, link, unlink, bulleted list, numbered list, indent, outdent, and help. The text area is empty. A callout bubble points to it with the text: 'What you would like us to do'. At the bottom right of the text area, it says 'Paragraphs: 0, Words: 0/500'.
- Reply Required:** A checkbox with the label 'Reply Required?'.

On the right side of the form, there are three buttons: 'Post' (blue), 'Help' (light blue), and 'Menu' (orange).

Post a bulletin

NEDeRS[®] v.5
The National Equipment
Defect Reporting Scheme

Home

ena
energynetworks
association

Post Bulletin

Contact Preferences [?](#)

* Bulletin Text [?](#)

B I

Paragraphs: 0, Words: 0/500

Reply Required? [?](#) ☐

Bulletin Expiry Date [?](#)

[Post](#)

[Help!](#)

[Menu](#)

If you have a problem the wider NEDeRS community may be able to help with. You can ask by posting a bulletin on the welcome page.

DIN Report

NEDeRS®: DIN 2016/0166/00 (NEW) - RMU

- Brush Switchgear

Energy Networks Association <ena@ena-eng.org>

Sent: Tue 18-Oct-16 1:05 PM

To:

Message  DIN_2016_0056_00_F.pdf (122 KB)  DIN_3358_c9a3.jpg (61 KB)  DIN_3358_f313.jpg (72 KB)

NEDeRS®
The National Electricity
Defect Reporting Scheme

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energynetworks
association

ENGINEERING DIRECTORATE
NEDeRS® MEMBER COMPANIES CONFIDENTIAL
URGENT

Notices now come in
both emailed and
attachment form

To: Mr B Pentecost ben.pentecost@energynetworks.org

Message: DIN 2016/0056/00 (New) has been issued by the ENA. The full incident detail is shown below and a printable PDF version showing the same information is also attached along with any supplementary files. This report is **CONFIDENTIAL**: unauthorised forwarding/sharing is prohibited.

Attachments: PDF Version (DIN_2016_0056_00_F.pdf (122 KB))
Broken Linkage 1 (DIN_3358_c9a3.jpg (61 KB))
Broken Linkage 2 (DIN_3358_f313.jpg (72 KB))

From: Bernard Pentecost

Tel: +44 (0)20 7706 5100 (Please inform switchboard that your query relates to NEDeRS)

Email: bernard.pentecost@energynetworks.org

Dangerous Incident Notification (DIN)

(See ENA Engineering Recommendation G58/8 for notes of guidance on use)

ENA Reference:	DIN 2016/0056/00
Date Issued:	18 Oct 2016
Reporting Company:	UK Power Networks
Initiating Officer:	Mr B
Contact:	Mr B
Tel:	01: 8 or 07 3
Email:	

1: Incident Description

Help Menu and User Guide

The screenshot shows the NEDeRS v.5 web interface. On the left is a 'Bulletin Board' with a post from Mr B Pentecost. The main content area is titled 'NEDeRS Help: NEDeRS User Guide'. It features a 'Contents:' section with a list of 11 items: 1. Introduction, 2. Navigation, 3. Help, 4. Scheme Definitions and Incident Reference Numbers, 5. Entering/Amending/Updating Incidents, 6. Browsing Incidents, 7. Knowledge Base, 8. Feedback and Bulletins, 9. User Profile, 10. Interest Profile, and 11. Exit NEDeRS. A blue callout box with a pointer highlights this list, containing the text 'Select a topic or scroll through'. Below the list, the '1. Introduction' section is visible, explaining the purpose of the NEDeRS system and its version 5 details.

NEDeRS[®] v.5
The National Equipment Defect Reporting Scheme

Bulletin Board

Mr B Pentecost (E...)

For Info: The Investigations Crawford GF3 combined fu... being prepared for the Cor... have been completed it is f... description of the sequenc... will be at least 12 months b...

NEDeRS Help: NEDeRS User Guide

Contents:

1. [Introduction](#)
2. [Navigation](#)
3. [Help](#)
4. [Scheme Definitions and Incident Reference Numbers](#)
5. [Entering/Amending/Updating Incidents](#)
6. [Browsing Incidents](#)
7. [Knowledge Base](#)
8. [Feedback and Bulletins](#)
9. [User Profile](#)
10. [Interest Profile](#)
11. [Exit NEDeRS](#)

1. Introduction

The National Equipment Defect Reporting Scheme (NEDeRS) web system is designed for two principle purposes:

- To enable engineers who have experienced an equipment (plant) related incident on their network to distribute information regarding the incident quickly to network engineers at other organisations. As well as the Distribution Network Operators (DNOs), several utility service providers and a number of industrial users routinely submit incident details to the scheme.
- To act as a flexible database of equipment related incidents, which engineers can search and display in a variety of ways and to provide a knowledge base of these incidents and the equipment (plant) involved. The knowledge base includes diagrams and documents related to both incidents and to the equipment itemised on the site and lists of industry experts who can be contacted for further information.

This is version 5 of NEDeRS. It went live in November 2016.

NEDeRS members (often engineers) submit incidents on the system, which are automatically emailed to NEDeRS subscribers after vetting by an administrator at the Energy Networks Association. Subscribers can set the system to restrict or highlight the incidents sent to them by setting up an interest profile (see below).

Sophisticated search functions can be accessed from the main menu. In addition, users from ENA member organisations can download the NEDeRS database in MS Access format from the knowledge base.

The NEDeRS system divides network incidents and equipment failures into four schemes: Dangerous Incident Notifications (DINs), Suspensions of Operational Practice (SOPs), National Equipment Defect Reports (NEDeRs) and Defects. The latter is a newer scheme designed to capture the more minor Equipment Defects that do not make the criteria for the former schemes but which may help to identify trends. The four schemes are defined in detail in the definitions section of this page.

2. Navigation

Navigation within the system is via menus, buttons and links. Please do not use the browser's built in 'Back' etc buttons as the previous page

Select a topic or scroll through

Online Help

Clicking on the
Question mark
brings up
specific help

Revision of Operating Practise (SOP)

Reference ?

System assigned

* Reporting company ?

Energy Networks Association

* Contact ?

--- Please Select ---

* Initiating officer ?

--- Please Select ---

* Issue date ?

09/11/2016

Reason for change of
operating practise ?

B **I**

Brings up
help specific
to this page

Submit

Save

Validate

Attached Files

Linked Incidents

Find Equipment

Help!

Menu

Reminders

* Operating environment ?

No exceptional environmental factors

* Cause(s) ?

Under Investigation

Accidental contact

Auxiliary (contact making or break)

Auxiliary - bad continuity

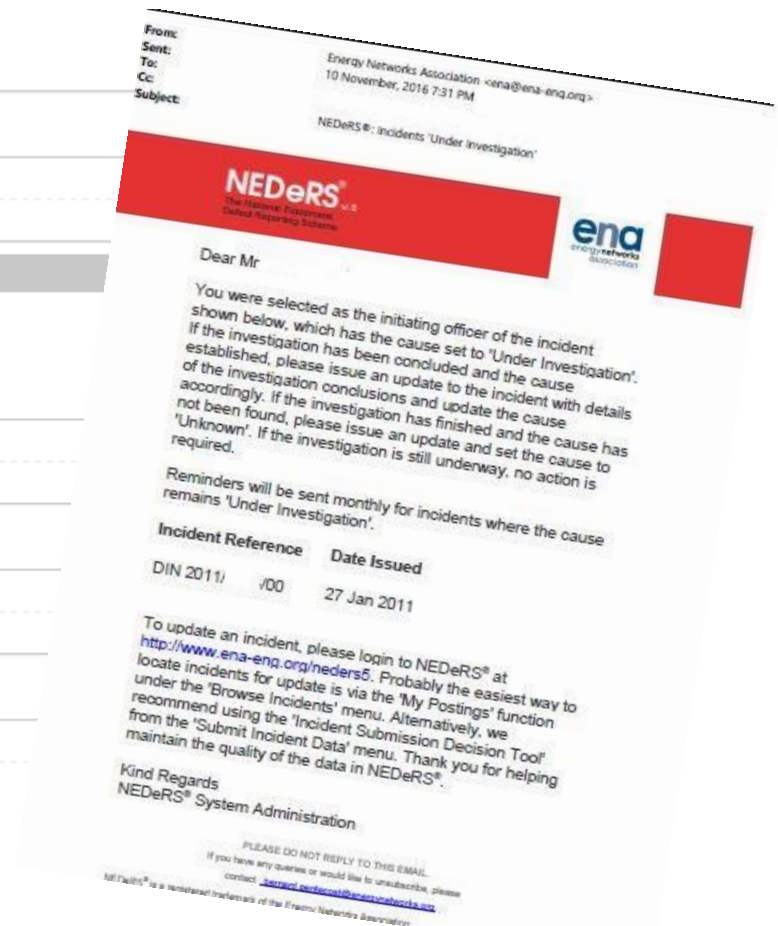
* Manufacturer ?

--- Please Select ---

* Equipment ?

--- Please Select ---

If you use "Under Investigation" the system will send you a reminder to update the report.



Monthly summary reports

NEDeRS® Monthly Incident Summary: September 2016

Energy Networks Association <ena@ena-eng.org>

Sent: Tue 18-Oct-16 3:29 PM

To:

Message NEDeRS_Monthly_Summary_F_September_2016.xls (35 KB)

NEDeRS®
v. 6
The National Equipment
Defect Reporting Scheme

ena
energy networks
association

Dear Mr

Please find attached a spread sheet showing NEDeRS® incidents submitted during September 2016:

Dangerous Incident Notification (DIN)

New incidents: 3

Updates: 3

Suspension of Operational Practice (SOP)

None

National Equipment Defect Report (NEDeR)

New incidents: 4

Defect Reports (Defect)

None

This summary is circulated monthly to all NEDeRS® company administrators.

PLEASE DO NOT REPLY TO THIS EMAIL

If you have any queries or would like to unsubscribe, please contact ena@ena-eng.org

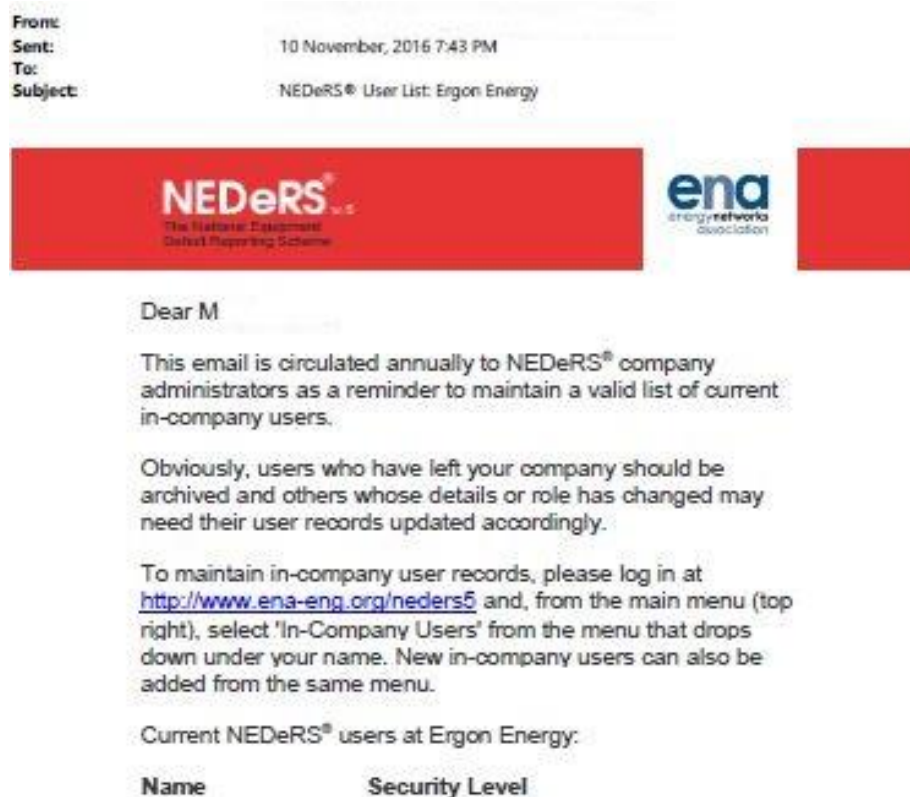
NEDeRS® is a registered trademark of the Energy Networks Association.

This email is confidential. It is intended only for the person named. Unless you are that person, or authorised to receive this email, you must not copy or use it or disclose it to anyone else. If you have received this email in error, please contact the sender. Thank you for your cooperation.

Company
Administrators
will receive a
Emailed monthly
summary report

Annual user listing

Company administrators will receive an email showing who within their company has access to NEDeRS and requesting it is reviewed & user status updated.



For more information

- Visit www.energynetworks.org and click on the “NEDeRS ®” link.
- Contact NEDeRS ® Administrator at
Energy Networks Association
1st Floor,
4 More London Riverside,
London
SE1 2AU
Tel: 020 7706 5100