

# CIM Data Entry Test Cases

## Data Insertion

1. All fields are entered and create a unique entry:

The screenshot displays the CIM Data Entry application interface. The left pane shows the form for creating a new entry, and the right pane shows the resulting data table.

**Form Fields:**

- Name:** David
- NameType:** Meter Reading
- Description:** None
- NameTypeAuthority:** EPRI
- UUID:** Randomly Generate (selected)
- Actions:** Insert (selected), Modify, Delete

**Data Table:**

mRID	Name	NT Name	NT Des	NTA Name	NTA Des
a5cb0e66-e...					
853eda53-f9...					
aa06eeaf-64...					
d9640b04-5f...					
fb1e625-f37...					
ec3c117b-0...	Aaron Hill	Meter Read...			
1706969a-2...	Aaron Hill	Teacher	Middle Scho...	Northwest Mi...	1234 Pleasa...
73ba13d3-8...	Alan Rickman	Meter Read...	None	TVA	Tennessee ...
14b9cf67-97...	Alan Rickman	HRIS, Sr An...			
7c69e14a-2f...	Alan Rickman	Meter			
b130127a-a...	Arin Windham	Meter		EPRI	
21104c06-0...	Bob Dole	President		USA	
62687323-c...	Brandon Pear	Meter Read...			
30027145-8...	Brandon Pear	Meter Read...			
44b73643-8...	Brandon Pear	Meter		EPRI	
b8806289-3...	Daniel Lowe	Meter Read...		EPRI	
7fc2024c-76...	Daniel Lowe	Meter Read...		EPRI	
95ce6897-9...	Daniel Lowe	Meter Read...			
b5689095-1...	Daniel Lowe	Meter Read...			
095165b5-6f...	Daniel Lowe	Meter Read...			
b46a3862-fb...	Daniel Lowe	Meter Read...			
2a46995e-e...	Daniel Lowe	Intern		EPRI	
519393c9-3...	Daniel Lowe	Meter Read...		EPRI	
aeb89aff-c1...	Daniel Lowe	Meter Read...		EPRI	
1c1d25ad-8...	Daniel Lowe	Meter Read...		EPRI	
4b31d62f-dc...	Daniel Lowe	Meter Read...			
3e77e50d-d...	Daniel Lowe	Intern	Student Em...	EPRI	Electric Pow...
0672f0ad-7e...	Daniel Lowe	Meter Read...		EPRI	
653b4378-c...	Danny Ocean	Meter Read...		LCUB	
611aebc7-7...	David	Meter Read...	None	EPRI	Electric Pow...

**Page 1 of 3**

Row per page: 30

Export to .csv

Show Data (loading large data sets may slow down the application)

2. Using the same information, you can create an entry and also create your own mRID if desired:

Change Database View Database

Name

David

Select Name

David

NameType

Name

Meter Reading

Select Name

Meter Reading

Description

None

Select Description

None

NameTypeAuthority

Name

EPRI

Select Name

EPRI

Description

Electric Power Research Institute

Select Description

Electric Power Research I...

UUID

☐ Randomly Generate

☒ Enter Here: 711aebc7-7790-4172-9f14-075417ca27

☒ Insert

☐ Modify

☐ Delete

Submit

Change Database		View Database			
mRID	Name	NT Name	NT Des	NTA Name	NTA Des
853eda53-f9ac-4b7...					
d9640b04-5f04-488...					
aa06eeaf-64f2-44d...					
fbf1e625-f378-48d5...		Meter Reading			
a5cb0e66-e7b2-4b...		Meter Reading			
1706969a-231f-495...	Aaron Hill	Teacher	Middle School Teac...	Northwest Middle S...	1234 Pleasant Rid...
ec3c117b-0b1f-4f9f...	Aaron Hill	Meter Reading			
73ba13d3-867f-4fa...	Alan Rickman	Meter Reading	None	TVA	Tennessee Valley A...
f4b9cf67-974f-4373...	Alan Rickman	HRIS, Sr Analyst			
7c69e14a-2f97-4c6...	Alan Rickman	Meter			
b130127a-a288-4c...	Arin Windham	Meter		EPRI	
21104c06-070a-46...	Bob Dole	President		USA	
30027145-8052-4d...	Brandon Pear	Meter Reading			
62687323-ce81-40...	Brandon Pear	Meter Reading			
44b73643-877c-4d...	Brandon Pear	Meter		EPRI	
2a46995e-e7d1-4d...	Daniel Lowe	Intern			
7fc2024c-76c9-40b...	Daniel Lowe	Meter Reading		EPRI	
09516b5b-6f8b-4ad...	Daniel Lowe	Meter Reading			
4b31d62f-dced-408...	Daniel Lowe	Meter Reading			
b5689095-1311-46...	Daniel Lowe	Meter Reading			
95ced897-95ba-43...	Daniel Lowe	Meter Reading			
b8806289-3d0d-4e...	Daniel Lowe	Meter Reading		EPRI	
aeb89af1-c11c-4b4...	Daniel Lowe	Meter Reading			
b46a3862-fbbc-4ad...	Daniel Lowe	Meter Reading			
1c1d25ed-9cb2-4d...	Daniel Lowe	Meter Reading		EPRI	
0672f0ad-7e48-491...	Daniel Lowe	Meter Reading		EPRI	
3e77e50d-d711-40...	Daniel Lowe	Intern	Student Employee	EPRI	Electric Power Res...
5193d9c9-6c2c-4b...	Daniel Lowe	Meter		EPRI	
653b4378-cbba-41...	Danny Ocean	Meter Reading2		LCUB	
c211f04b-2389-4e7...	David	Meter Reading	None	EPRI	Electric Power Res...
711aebc7-7790-41...	David	Meter Reading	None	EPRI	Electric Power Res...
611aebc7-7790-41...	David	Meter Reading	None	EPRI	Electric Power Res...
fd7ad0a8-dbc7-429...	Donna Stokes	Tech Assistant III	Tech Assistant	EPRI	Electric Power Res...
505...	Donna Stokes	Meter			

Previous

Page: 1 of 2

Next

Row per page: 35

Export to .csv

☒ Show Data (loading large data sets may slow down the application)

## Data Modification

- Blank entries can be created for use as in (2) listed above, and later modified as needed (note that you cannot randomly generate a UUID here, as one MUST be provided). In this, we change every field listed for a previous UUID. If a field is left blank during modification, a blank field will appear in the corresponding column in the database.

Change Database View Database

Name Select Name

Alan

NameType

Name Select Name

Composite Switch

Description Select Description

Generic Description

NameTypeAuthority

Name Select Name

LCUB

Description Select Description

enoir Cities Utilities Board

UUID ☐ Randomly Generate ☒ Enter Here: 853eda53-f9ac-4b74-8a9f-36f8bd5c0d73


☐ Insert ☒ Modify ☐ Delete

Submit

<div> <div>Change Database</div> <div>View Database</div> </div>					
mRID	Name	NT Name	NT Des	NTA Name	NTA Des
fbf1e625-f378-48d5-b4fa-62f673f0022b		Meter Reading			
aa06eeaf-64f2-44d7-bd46-7bf7267b1d0e					
a5cb0e66-e7b2-4b24-bd43-fab7fe662465		Meter Reading			
d9640b04-5f04-4880-89f6-6b867a3080a8					
ec3c117b-0b1f-4f9f-94e6-dab5e9fb4391	Aaron Hill	Meter Reading			
1706969a-231f-4951-b648-2513b442854d	Aaron Hill	Teacher	Middle School Tea	Northwest Middle	1234 Pleasant Ri
853eda53-9ac4b74-8a9f-36f8bd5c0d73	Alan	Composite Switch	Generic Description	LCUB	Lenoir City Utilitie...
7c69e14a-2f97-4c66-8faa-217a018b9ce4	Alan Rickman	Meter			
f4b9cf67-974f-4373-ac22-2a97395ccc97	Alan Rickman	HRIS, Sr Analyst			
73ba13d3-867f-4fa7-a5e2-27f03e0d9831	Alan Rickman	Meter Reading	None	TVA	Tennessee Valle...
b130127a-a288-4cc2-9a79-1f49cfe2276d	Arin Windham	Meter		EPRI	
21104c06-070a-4617-9165-94c9ecfa1b9e	Bob Dole	President		USA	
30027145-8052-4d09-8232-032bb9ad6f0a	Brandon Pear	Meter Reading			
62687323-ce81-408b-9c9e-1ff021a04ec7	Brandon Pear	Meter Reading			
44b73643-877c-4d88-939e-66c4f552f39c	Brandon Pear	Meter		EPRI	
5193d9c9-6c2c-4b3c-9789-9fa1fe565ff1	Daniel Lowe	Meter		EPRI	
7fc2024c-76c9-40b4-8268-5cb5d856ef81	Daniel Lowe	Meter Reading		EPRI	
09516b5b-6f8b-4add-9ed8-4afa033ec91e	Daniel Lowe	Meter Reading			
4b31d62f-dced-408e-8f36-069623f5c9ae	Daniel Lowe	Meter Reading			
b5689095-1311-4602-b551-3bd4f1edc9a7	Daniel Lowe	Meter Reading			
95ced897-95ba-43ba-9c54-c274a971d2f3	Daniel Lowe	Meter Reading			
b8806289-3d0d-4eac-af9d-96f381973984	Daniel Lowe	Meter Reading		EPRI	
aeb89af1-c11c-4b44-91cf-27f1129845e4	Daniel Lowe	Meter Reading			
b46a3862-fbbc-4ada-913b-6470de857d20	Daniel Lowe	Meter Reading			
1c1d25ed-9cb2-4d5a-b3ef-ce9f5d8fa4a1	Daniel Lowe	Meter Reading		EPRI	
0672f0ad-7e48-491d-b0af-56435805502c	Daniel Lowe	Meter Reading		EPRI	
2a46995e-e7d1-4d39-b0ff-27ae63226197	Daniel Lowe	Intern			
3e77e50d-d711-4067-8bc8-3d002480c689	Daniel Lowe	Intern	Student Employee	EPRI	Electric Power R...
653b4378-cbba-41da-adbc-8e81b0eb5df1	Danny Ocean	Meter Reading2		LCUB	
c211f04b-2389-4e75-8456-d3694efe3ec1	David	Meter Reading	None	EPRI	Electric Power R...
611aebc7-7790-4172-9f14-075417ca27b7	David	Meter Reading	None	EPRI	Electric Power R...
711aebc7-7790-4172-9f14-075417ca27b7	David	Meter Reading	None	EPRI	Electric Power R...
fd7ad0a8-dbc7-4293-9283-a0bc333cedff	Donna Stokes	Tech Assistant III	Tech Assistant	EPRI	Electric Power R...
50c3b5f3-5523-4083-b136-4a00c4146a21	Donna Stokes	Meter			
<div> <div>Previous</div> <div>Page: 1 of 2</div> <div>Next</div> </div>					
<div> <div>Row per page: 35</div> <div>Export to .csv</div> </div>					
<input checked="" type="checkbox"/> Show Data (loading large data sets may slow down the application)					

## Data Deletion

4. Calling Delete disables all fields and requires a entry of UUID:

 **Change Database** **View Database**

**Name** **Select Name**

**NameType**

**Name** **Select Name**

**Description** **Select Description**

**NameTypeAuthority**

**Name** **Select Name**

**Description** **Select Description**


**UUID** ☐ Randomly Generate  
☒ Enter Here:

☐ Insert  
☐ Modify  
☒ Delete

**Submit**

Delete will be called on one of the top entries with no name (all entries in the application table are sorted by name and can be exported to csv for alternative sorting).

<div>Change Database</div> <div>View Database</div>					
mRID	Name	NT Name	NT Des	NTA Name	NTA Des
fb1e625-f378-48d5-b4fa-62f673f0022b		Meter Reading			
aa06eeaf-64f2-44d7-bd46-7bf7267b1d0e					
a5cb0e66-e7b2-4b24-bd43-fab7fe662465		Meter Reading			
d9640b04-5f04-4880-89f6-6b867a3080a8					
ec3c117b-0b1f-4f9f-94e6-dab5e9fb4391	Aaron Hill	Meter Reading			
1706969a-231f-4951-b648-2513b442854d	Aaron Hill	Teacher	Middle School Tea...	Northwest Middle ...	1234 Pleasant Ri...
853eda53-f9ac-4b74-8a9f-36f8bd5c0d73	Alan	Composite Switch	Generic Description	LCUB	Lenoir City Utilitie...
7c69e14a-2f97-4c66-8faa-217a018b9ce4	Alan Rickman	Meter			
f4b9cf67-974f-4373-ac22-2a97395ccc97	Alan Rickman	HRIS, Sr Analyst			
73ba13d3-867f-4fa7-a5e2-27f03e0d9831	Alan Rickman	Meter Reading	None	TVA	Tennessee Valle...
b130127a-a288-4cc2-9a79-1f49cfe2276d	Arin Windham	Meter		EPRI	
21104c06-070a-4617-9165-94c9ecfa1b9e	Bob Dole	President		USA	
30027145-8052-4d09-8232-032bb9ad6f0a	Brandon Pear	Meter Reading			
62687323-ce81-408b-9c9e-1ff021a04ec7	Brandon Pear	Meter Reading			
44b73643-877c-4d88-939e-66c4f552f39c	Brandon Pear	Meter		EPRI	
5193d9c9-6c2c-4b3c-9789-9fa1fe565ff1	Daniel Lowe	Meter		EPRI	
7fc2024c-76c9-40b4-8268-5cb5d856ef81	Daniel Lowe	Meter Reading		EPRI	
09516b5b-6f8b-4add-9ed8-4afa033ec91e	Daniel Lowe	Meter Reading			
4b31d62f-dced-408e-8f36-069623f5c9ae	Daniel Lowe	Meter Reading			
b5689095-1311-4602-b551-3bd4f1edc9a7	Daniel Lowe	Meter Reading			
95ced897-95ba-43ba-9c54-c274a971d2f3	Daniel Lowe	Meter Reading			
b8806289-3d0d-4eac-af9d-96f381973984	Daniel Lowe	Meter Reading		EPRI	
aeb89af1-c11c-4b44-91cf-27f1129845e4	Daniel Lowe	Meter Reading			
b46a3862-fbbc-4ada-913b-6470de857d20	Daniel Lowe	Meter Reading			
1c1d25ed-9cb2-4d5a-b3ef-ce9f5d8fa4a1	Daniel Lowe	Meter Reading		EPRI	
0672f0ad-7e48-491d-b0af-56435805502c	Daniel Lowe	Meter Reading		EPRI	
2a46995e-e7d1-4d39-b0ff-27ae63226197	Daniel Lowe	Intern			
3e77e50d-d711-4067-8bc8-3d002480c689	Daniel Lowe	Intern	Student Employee	EPRI	Electric Power R...
653b4378-cbba-41da-adbc-8e81b0eb5df1	Danny Ocean	Meter Reading2		LCUB	
c211f04b-2389-4e75-8456-d3694efe3ec1	David	Meter Reading	None	EPRI	Electric Power R...
611aebc7-7790-4172-9f14-075417ca27b7	David	Meter Reading	None	EPRI	Electric Power R...
711aebc7-7790-4172-9f14-075417ca27b7	David	Meter Reading	None	EPRI	Electric Power R...
fd7ad0a8-dbc7-4293-9283-a0bc333cedff	Donna Stokes	Tech Assistant III	Tech Assistant	EPRI	Electric Power R...
505-...					
<div>Previous</div> <div>Page: 1 of 2</div> <div>Next</div>					
<div>Row per page: 35</div>					
<div>Export to .csv</div>					
<input checked="" type="checkbox"/> Show Data (loading large data sets may slow down the application)					



---

Name Select Name

---

NameType

Name Select Name

Description Select Description

NameTypeAuthority


Name Select Description

Description Select Description

UUID ☐ Randomly Generate  
☒ Enter Here:

☐ Insert  
☐ Modify  
☒ Delete

Message

 Data deleted

The entry is now no longer in the database.



Change Database View Database					
mRID	Name	NT Name	NT Des	NTA Name	NTA Des
d9640b04-5f04-4880-...					
aa06eeaf-64f2-44d7-b...					
a5cb0e66-e7b2-4b24-...		Meter Reading			
1706969a-231f-4951-...	Aaron Hill	Teacher	Middle School Teacher	Northwest Middle Scho...	1234 Pleasant Ridge Rd
ec3c117b-0b1f-4f9f-94...	Aaron Hill	Meter Reading			
853eda53-f9ac-4b74-8...	Alan	Composite Switch	Generic Description	LCUB	Lenoir City Utilities Bo...
7c69e14a-2f97-4c66-8...	Alan Rickman	Meter			
73ba13d3-867f-4fa7-a...	Alan Rickman	Meter Reading	None	TVA	Tennessee Valley Auth...
f4b9cf67-974f-4373-ac...	Alan Rickman	HRIS, Sr Analyst			
b130127a-a288-4cc2-...	Arin Windham	Meter		EPRI	
21104c06-070a-4617-...	Bob Dole	President		USA	
30027145-8052-4d09-...	Brandon Pear	Meter Reading			
62687323-ce81-408b-...	Brandon Pear	Meter Reading			
44b73643-877c-4d88-...	Brandon Pear	Meter		EPRI	
5193d9c9-6c2c-4b3c-...	Daniel Lowe	Meter		EPRI	
7fc2024c-76c9-40b4-8...	Daniel Lowe	Meter Reading		EPRI	
09516b5b-6f8b-4add-...	Daniel Lowe	Meter Reading			
4b31d62f-dced-408e-8...	Daniel Lowe	Meter Reading			
b5689095-1311-4602-...	Daniel Lowe	Meter Reading			
95ced897-95ba-43ba-...	Daniel Lowe	Meter Reading			
b8806289-3d0d-4eac-...	Daniel Lowe	Meter Reading		EPRI	
aeb89af1-c11c-4b44-9...	Daniel Lowe	Meter Reading			
b46a3862-fbbc-4ada-9...	Daniel Lowe	Meter Reading			
1c1d25ed-9cb2-4d5a-...	Daniel Lowe	Meter Reading		EPRI	
0672f0ad-7e48-491d-...	Daniel Lowe	Meter Reading		EPRI	
2a46995e-e7d1-4d39-...	Daniel Lowe	Intern			
3e77e50d-d711-4067-...	Daniel Lowe	Intern	Student Employee	EPRI	Electric Power Resear...
653b4378-cbba-41da-...	Danny Ocean	Meter Reading2		LCUB	
711aebc7-7790-4172-...	David	Meter Reading	None	EPRI	Electric Power Resear...
c211f04b-2389-4e75-8...	David	Meter Reading	None	EPRI	Electric Power Resear...
611aebc7-7790-4172-...	David	Meter Reading	None	EPRI	Electric Power Resear...
595aab54-3523-4263-...	Donna Stokes	Meter			
fd7ad0a8-dbc7-4293-9...	Donna Stokes	Tech Assistant III	Tech Assistant	EPRI	Electric Power Resear...
44b73643-877c-4d88-...					

Previous

Page: 1 of 2

Next

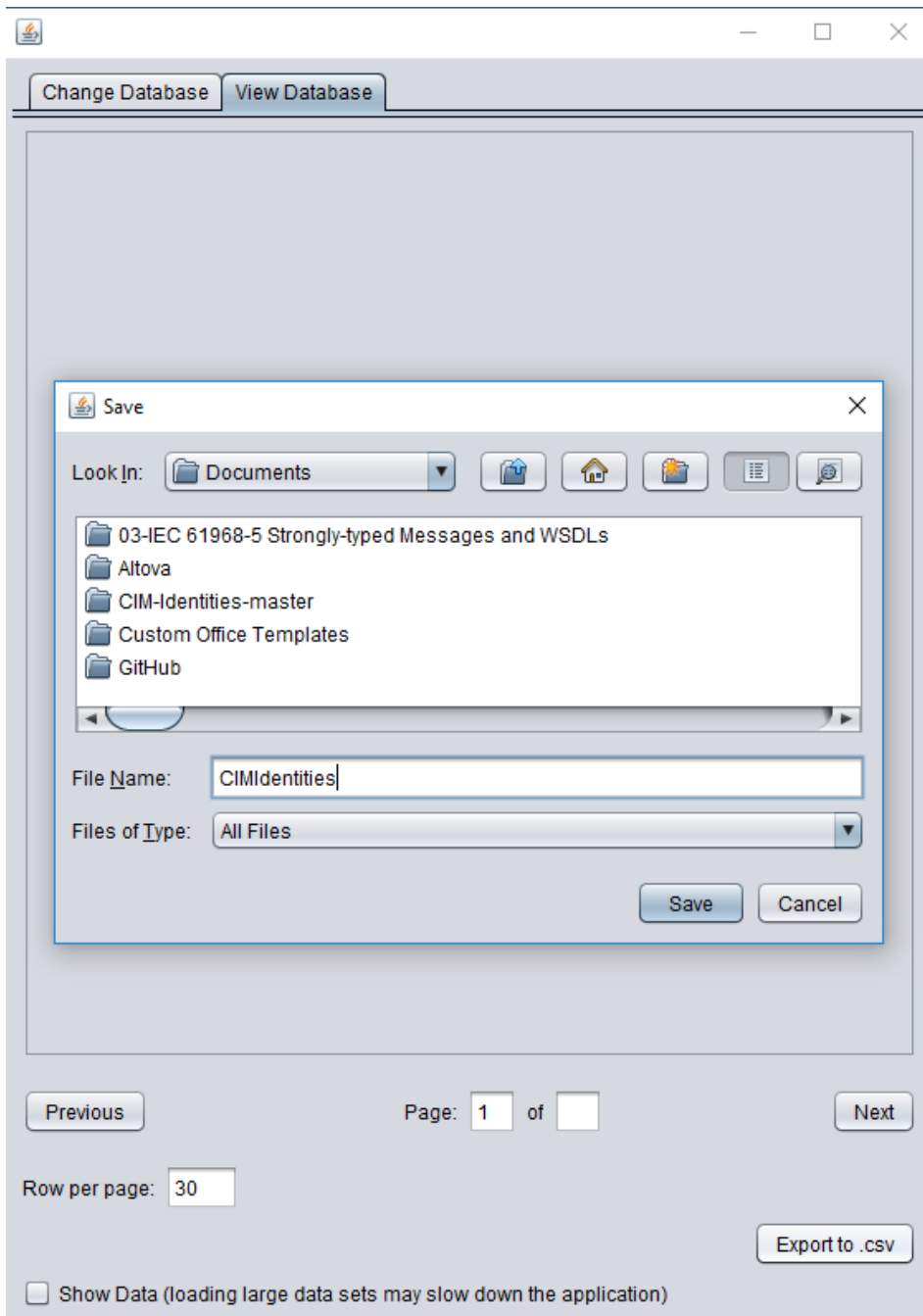
Row per page: 35

Export to .csv

☒ Show Data (loading large data sets may slow down the application)

## Exporting Data

5. Clicking “Export.csv” prompts user to save file in spot of their choosing with title of their choosing.



Documents

File

Home

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 > This PC > Documents

Search Documents

★ Quick access

Desktop

Downloads

Documents

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Software Development

WSDL Templates

WSDL Templates

xsd

OneDrive

Name	Date modified	Type	Size
jaxws-ri	12/12/2016 3:47 PM	File folder	
MobaXterm	11/10/2016 9:26 AM	File folder	
My Received Files	9/28/2016 9:28 AM	File folder	
NetBeansProjects	2/22/2017 12:37 PM	File folder	
SnagIt Catalog	9/16/2016 10:55 AM	File folder	
Software Development Forms	2/27/2017 11:59 AM	File folder	
WebServiceFiles	2/3/2017 9:09 AM	File folder	
xsd	1/20/2017 8:43 AM	File folder	
02 - Supplemental Resources File for IEC ...	7/26/2016 1:55 PM	Compressed (zipp...	236 KB
CIMIdentities	2/27/2017 1:06 PM	Microsoft Excel C...	5 KB
CIMIdentities	1/23/2017 8:24 AM	XSD File	15 KB