

CEB_Transformers Data Application for Transformer Movement Details

Developed for Ceylon Electricity Board (CEB)

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1. Overview

The **CEB_Transformers Data Application** is a robust and user-friendly tool designed to manage transformer movement details at CEB. This .exe application includes features to facilitate efficient data entry, search, export, and record management, ensuring a streamlined workflow for users.

The screenshot displays the 'CEB Transformer Data App(Additional Finance Manager-DD4)' window. The main form is titled 'Add Transformer Data/ඇතුළත් කරන්න' and contains 17 numbered fields for data entry. The fields are: 1. පළාත/Province (SP 2), 2. ප්‍රදේශ කේතය/Area Code (510.11), 3. චලනය වූ දිනය/Date of move (12/05/2024), 4. තාරා පැළි අනුක්‍රමික අංකය/Transformer Serial No (12345678x), 5. KV / KV (220), 6. KVA / KVA (240), 7. ඉවත් කිරීමේ හේතුව/Reason for removal (replace new one), 8. වර්තමාන තත්ත්වය/Present Condition (bad), 9. සිටින ස්ථානය/Movement From Cost Code (972.10), 10. සිටින ස්ථානය/Movement From Location (Matugama), 11. සිටින සංකේත අංකය/Movement From Sin No (12345678), 12. දක්වා ස්ථානය/Movement To Cost Code (972.10), 13. දක්වා ස්ථානය/Movement To Location (Dehiwala), 14. දක්වා සංකේත අංකය/Movement To Sin No (123456789), 15. මාර්ග බිල්පතේ, පැමිණිලි රිසිට්, හාණි ලද්දකින් අංකය/Number of waybill, transfer voucher, goods receipt (1234), 16. කාර්ය අංකය/Task no (1234), 17. සටහන/Remark (සටහන/Remark). The form has 'Add Data' and 'Clear Form' buttons at the bottom.

On the right, there is a preview section titled 'Additional Finance (DD4)' with the CEB logo and a search bar. Below it, 'Last Entry Preview / අවසන් ඇතුළත් කරනු' shows a detailed view of the last entry with fields 1 through 12. At the bottom, 'All Entries Preview / සියලුම ඇතුළත් කරනු' shows a table of all entries with columns for Timestamp, Province, Area Code, Date of move, Transformer Serial No, KV, KVA, Reason for removal, Present Condition, Movement From Cost Code, Movement From Location, Movement From Sin No, Movement To Cost Code, Movement To Location, Movement To Sin No, and Remark. The table has buttons for 'Export Data', 'View Exports', and 'Exit'.

(Placeholder for Image 1: Application Dashboard Screenshot)

2. Objectives and Aims

Objectives:

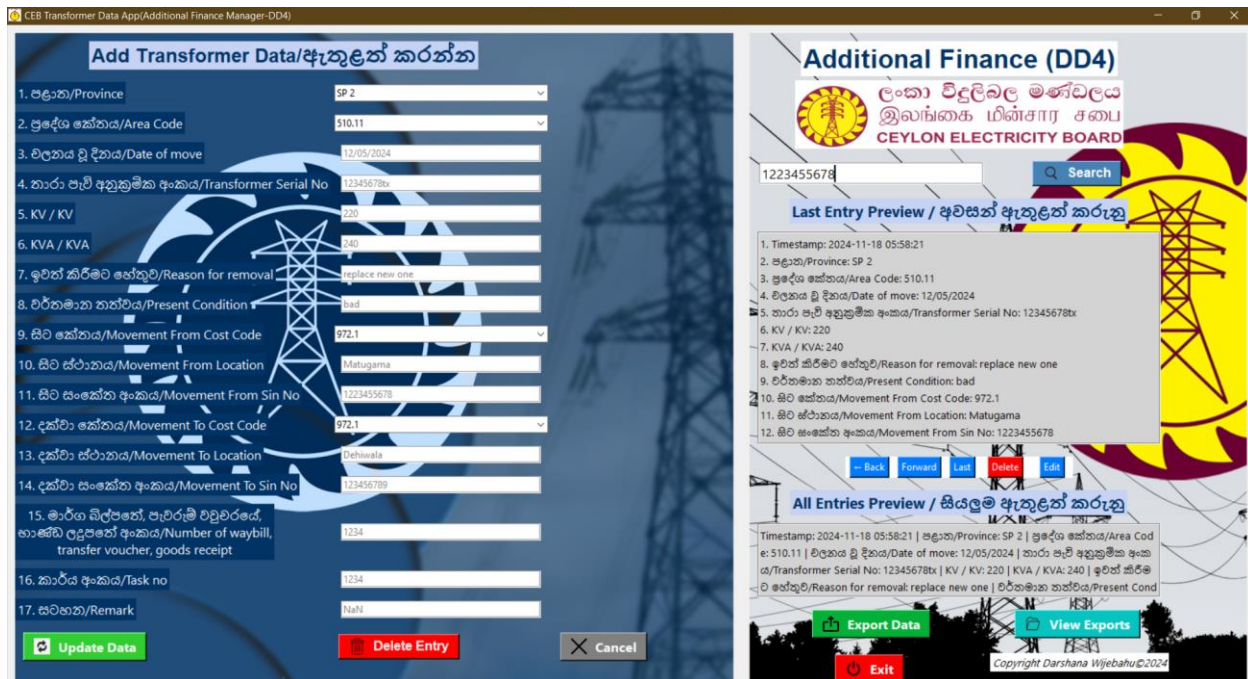
- Digitize the transformer movement process for better efficiency.
- Enable real-time management and error-free record-keeping.

Aims:



- Provide an intuitive interface for transformer data entry and management.
- Enhance usability with advanced navigation and search options.

3. Key Features

- **Drop-Down Selections:** Easily input data using drop-down menus.
- **Tab Navigation:** Quickly move between fields using the Tab key.
- **Date Auto-Formatting:** Input dates with automatic formatting for consistency.
- **Data Management:** Add, update, delete, and search records by any field.
- **Search Functionality:** Locate data entries using powerful search tools.
- **Preview Last Entry:** View details of the most recent data entry.
- **Export Options:** Export data to Excel and easily view file locations.
- **User-Friendly Interface:** Clean layout for an intuitive user experience.



(Placeholder for Image 3: Key Features Screenshot)

Data > Local > Temp > export		Search export	
Name	Date modified	Type	Size
 transformer_data_20241111_091609	11/11/2024 9:16 AM	Microsoft Excel W...	6 KB
 transformer_data_20241118_055929	11/18/2024 5:59 AM	Microsoft Excel W...	6 KB

5. Application Workflow

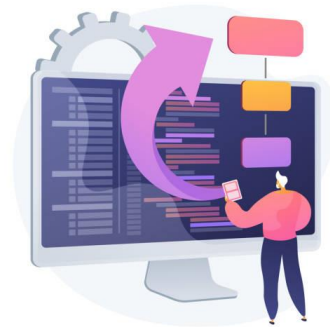
Steps to Use the Application

1. **Start the Application:** Open the app using the shortcut created during installation.
2. **Data Entry:**
 - Use drop-down menus for quick selection.
 - Navigate fields with the Tab key for faster input.
 - Input dates with auto-format for consistency.
3. **Manage Records:**
 - Add new records with ease.
 - Update or delete existing records as needed.
 - Preview the last entry directly.
4. **Search Records:**
 - Find specific records by searching any field.
5. **Export Data:**
 - Export records to Excel files.
 - View exported file locations easily.



6. System Requirements

- **Operating System:** Windows 10 or later
- **Processor:** Intel Core i3 or higher
- **Memory:** 4GB RAM minimum
- **Storage:** 100MB free disk space



7. Contact Information

For technical support or inquiries:



Developer: Darshana Wijebahu

Email: wijebahuwmpwdgb.20@itfac.mrt.ac.lk

Phone: (+94)71-1145457

Office: Ceylon Electricity Board (CEB) AFM – DD4

Post-Installation Tips

- Verify that the application shortcuts appear in both the Desktop and Start Menu.
- Open ReadMe.pdf for detailed instructions or contact support for additional help.