

## Synchronizing Historical Performance Data on NetEco



# Huawei Technologies Co. Ltd.

| Version | Created by       | Date       | Remarks                 |
|---------|------------------|------------|-------------------------|
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This document describes how to synchronize historical performance data from a device to the

NetEco 1000S by creating a synchronization task on the NetEco 1000S. This solves the problem that historical performance data cannot be automatically synchronized to the NetEco 1000S after the device is disconnected from the NetEco 1000S for more than 6 hours.

If a device is connected to the NetEco 1000S using the SmartLogger, has been running before the connection and stores performance files on the SmartLogger, you can synchronize its historical performance data before the connection to the NetEco 1000S.

The SmartLogger saves historical performance data of the latest one month.

The synchronization on the NetEco 1000S succeeds only when the SmartLogger or the inverter directly connected to the FE stores historical performance data that needs to be synchronized.

You have logged in to the NetEco 1000S client. The current user is system administrator or system operators.

#### Procedure

**Step 1** Choose **Historical Data** > **Synchronize Historical Data** from the main menu.

The Synchronize Historical Data page is displayed:



| NetEc                  | O Monitor                 | Historical Data            | Maintenance                | System              |                  | English(English) 🔹 🛛 admin 🛛 🔒 🔹 | 💱   ?? ▼   ⊡<br><mark>1</mark> 266 🔒 6 |
|------------------------|---------------------------|----------------------------|----------------------------|---------------------|------------------|----------------------------------|--|
| Historical Data > Sy   | nchronize Historical Data | Alarm Log D                | ata Export                 |                     |                  |                                  |  |
| Data Synchronization   |                           | Performance Data           | ynchronize Historical Data |                     |                  |                                  |  |
|                        |                           |                            |                            |                     |                  |                                  |  |
| Create Synchronization | Task U Start Sync U Stop  | Sync Execution status: All | Ŧ                          |                     |                  |                                  |  |
| Device N               | lame F                    | PV Plant                   | Start Time                 | End Time            | Execution Status | Operation                        |  |
| INV-13                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                | <b>^</b>                               |
| INV-12                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-08                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| □ INV-09               | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| SmartLogger            | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-01                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| □ INV-07               | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-03                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-02                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-06                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-10                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | •                                |  |
| INV-11                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-05                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| INV-04                 | Mohács                    | 2018-0                     | 8-01 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |
| EMI_12266              | RESPOL                    | 2018-0                     | 7-03 00:00:00              | 2018-08-01 23:59:00 | Completed        | 0                                |  |

### Step 2 On the Data Synchronization page, click Create Synchronization Task.

The Create Synchronization Task dialog box is displayed:

| NetEco  | Monitor Historie                 | cal Data Maintenance        | System        |                       |                  | English (English) 🔻 Iadmin I 🍙 i 🗭 i 🐼 - I 🏊<br>🐒 8 0 📥 158 😫 264 🧕 6 |  |
|---|----------------------------------|-----------------------------|---------------|-----------------------|------------------|---|--|
| Historical Data > Synchronize Historical Data |                                  |                             |               |                       |                  |   |  |
| Data Synchronization                          |                                  |                             |               |                       |                  |   |  |
| Create Synchronization Task                   | Start Sync 0 Stop Sync Execution | status: All 👻               |               |                       |                  |   |  |
| Device Name                                   | PV Plant                         | Start Time                  |               | End Time              | Execution Status | Operation   |  |
| INV-13  | Mohàcs                           | 2018-08-01 00:00:00         | 2018-08-01 23 | :59:00                | Completed        | • •   |  |
| INV-12  | Mohács                           |                             | 0040 00 04 00 | 50.00                 | Completed        | 0   |  |
| INV-08  | Mohāca                           | Create Synchronization Task |               |                       | Completed        | 0   |  |
| INV-09  | Mohács                           | Lieuce tree:                |               | lime range:           | Completed        | 0   |  |
| SmartLogger                                   | Mohācs                           |                             |               | Today                 | Completed        | 0   |  |
| INV-01  | Mohàca                           |                             | Ø             | From 2018-08-03 00.00 | Completed        | 0   |  |
| INV-07  | Mohács                           | B PV System                 |               | T- 2010 00 02 22-50   | Completed        | 0   |  |
| INV-03  | Mohācs                           | a 🚛 📋 40 Mrowka             |               | 10 Z010-00-03 Z3 58   | Completed        | 0   |  |
| □ INV-02                                      | Mohács                           | 😑 🕮 🔲 Újharangod II         |               |                       | Completed        | 0   |  |
| INV 06  | Mohács                           | 🕂 🔲 Újtikos                 |               | OK Cancel             | Completed        | 0   |  |
| INV-10  | Mohàca                           | Atány II                    |               |                       | Completed        | 0   |  |
| INV-11  | Mohács                           |                             |               |                       | Completed        | 0   |  |
| INV-05  | Mohāca                           | AGROLA.I                    |               |                       | Completed        | O   |  |
| □ INV-04                                      | Mohács                           | ∋ ∰ DAGV                    |               |                       | Completed        | 0   |  |
| EMI_12266                                     | RESPOL                           | 4                           | •             |                       | Completed        | 0   |  |
| Inversor1                                     | RESPON                           |                             |               |                       | Completed        | 0   |  |
| Inversor10                                    | RESPOL                           | 2018-07-03 00.00.00         | 2018-08-01 23 | .59.00                | Completed        | 0   |  |
| Inversor11                                    | RESPOL                           | 2018-07-03 00:00:00         | 2018-08-01 23 | :50:00                | Completed        | 0   |  |
| Inversor12                                    | RESPOL                           | 2018-07-03 00:00:00         | 2018-08-01 23 | :59:00                | Completed        | 0   |  |
| I Inversor13                                  | RESPOL                           | 2018 07 03 00:00:00         | 2018 08 01 23 | :59:00                | Completed        | • •   |  |
|   |                                  | a ka Page                   | 1 of 154 🗪    | ► 20 T                |                  | View 1 - 20 of 3,074  |  |

**Step 3** Choose a device for which you want to create a supplementary collection task from the device navigation tree.

Select the SmartLogger that you want to synchronize the historical data:



| PV Plant | Start Time                  | End Time              | Execution Status |
|----------|-----------------------------|-----------------------|------------------|
| ;        | 2018-08-01 00:00:00         | 2018-08-01 23:59:00   | Completed        |
| ;        |                             | 2010 20 21 20 50 20   | Completed        |
| ;        | Create Synchronization lask |                       | Completed        |
| ;        | Device tree:                | Time range:           | Completed        |
| ;        |                             | Today                 | ✓ Completed      |
| ;        |                             | From 2018-08-03 00:00 | Completed        |
| ;        | B PV System                 | To 2018 08 03 23:59   | Completed        |
| ;        |                             | 10 2010-00-03 23.38   | Completed        |
| ;        |                             |                       | Completed        |
| ;        | i⊒ <b>∭</b>                 | OK Cancel             | Completed        |
| ;        |                             |                       | Completed        |
| ;        |                             |                       | Completed        |
| ;        | - <b>INV-04</b>             |                       | Completed        |
| ;        | <b>INV-05</b>               | <b>•</b>              | Completed        |
| L        | 4                           | ►                     | Completed        |
| L        |                             |                       | Completed        |
| L        | 2010-07-03 00:00:00         | 2018-08-01 23:59:00   | ompleted         |
| il .     | 2018-07-03-00:00:00         | 2018-08-01 23:59:00   | Completed        |

**Step 4** Set the time range as required.

The time range can be set to Today, Last three Days, Last seven Days, Last thirty Days, or

Customize. The time range of the Customize cannot exceed 30 days.



| 2018-08-01 00:00:00                   | 2018-08-01 23:59:00 | Completed   |
|---------------------------------------|---------------------|-------------|
| Croate Symphrapization Task           | 2040-00-04-22-50-00 | Completed   |
| Create Synchronization lask           |                     | Completed   |
| Device tree:                          | Time range:         | Completed   |
|                                       | Today               | - Completed |
| All V                                 | loday               | Completed   |
| □ PV System                           | Last 7 days         | Completed   |
| · · · · · · · · · · · · · · · · · · · | Last 30 days        | Completed   |
| ġ∰⊽ <mark>Ļ</mark>                    | Customize           | Completed   |
| i ∎ 🔽 SmartLogger                     | OK Can              | Completed   |
| ■ INV-01                              |                     | Completed   |
| <b>■ ●</b> INV-02                     |                     | Completed   |
| <b>₩ № №</b>                          |                     | Completed   |
| <b>INV-05</b>                         | <b>•</b>            | Completed   |
| 4                                     | •                   | Completed   |
|                                       |                     | Completed   |
| 2018-07-03 00:00:00                   | 2018-08-01 23:59:00 | Completed   |
| 2018-07-03 00:00:00                   | 2018-08-01 23:59:00 | Completed   |

### Step 5 Click OK.

The supplementary collection task is performed automatically after the task i