

Conditions, at which the electricity meter does a billing reset



Event	Explanation	Example
The electricity meter is powered on for the first time.	The electricity meter is powered on for the first time (new or repaired). It shall do a billing reset with the current time and date.	If a new or repaired electricity meter is powered on for the first time on 20.11.2012 at 14:05:15, it shall do a billing reset and save data in the Log Book, as event Billing reset, with a timestamp 20.11.2012 14:05:15
The electricity meter is powered on for the first time during the current month.	The electricity meter is powered on for the first time during the current month. It shall make a billing reset with the current time and date.	If the electricity meter is powered on for the first time during the current month on 20.12.2012 at 14:06:16, it shall do a billing reset and save data in the Log Book, as event Billing reset, with a timestamp 20.12.2012 14:06:16
The electricity meter is powered on. Manual shift of date and time.	By using a special command the date and time of the electricity meter can be shifted towards the future or the past. In this case the meter shall make a billing reset with the date and time of the shifted time. When the meter receives a time synchronization with the current date and time it shall make a billing reset with the new date and time.	The electricity meter is constantly powered on. By a manual change of the meter date and time from 20.01.2013 14:07:17 to 21.02.2013 14:58:00, it shall do a billing reset and save data in the Log Book, as event Billing reset, with a timestamp 21.02.2013 14:58:00. If after this we return the meter date and time from 21.02.2013 15:15:00 back to the current 20.01.2013 14:22:35, it shall do a billing reset and save data in the Log Book, as event Billing reset, with a timestamp 20.01.2013 14:22:35. The same logic is valid for a shift of the meter date and time to the past and later synchronizing to the current date and time.
The electricity meter is powered on. Date and time reach a new month.	On every first day of the month at 00:00 the electricity meter shall do a billing reset with the current date and time.	The electricity meter is constantly powered on. The meter date and time are 31.12.2012 23:56:00. After 4 minutes when the date and time reach a new month, it shall do a billing reset and save data in the Log Book, as event Billing reset, with a timestamp 01.01.2013 00:00:00