

Report for Azerbaijan Prepayment Project

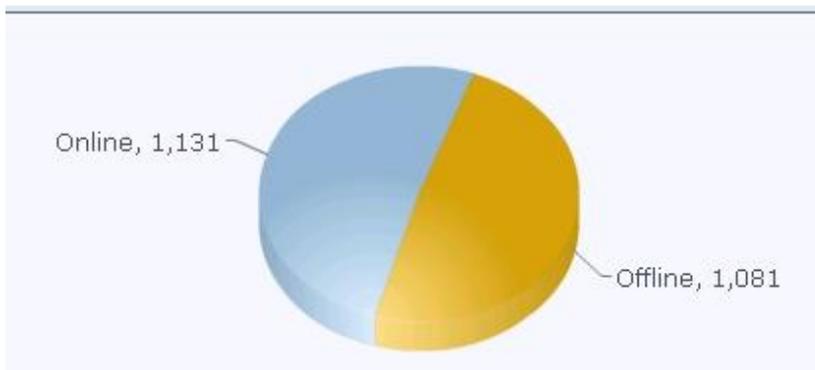
1. Project Status (Till Feb 14th, 2014)

1.1. Installation

- 1) In regarding to the action plan about switching the system to prepay mode, we are waiting for the final confirmation.

1.2. System Running Overview

- 1) Only around 50% of meters at site were online. Every day there are around 1100pcs of meters offline, and the data collection rate is only 50 %. Pls refer to below pie chart;



2. Project plan for next week

- 1) Operate and maintain the system remotely in China, make sure the system run normally;
- 2) Cooperate with Azerenerji, answer relevant questions and provide relevant technical support to Azerenerji with regards to this project.

3. Problems

- 1) On Feb 10 and 12 respectively, there were large-scale power outage events at site. After we check with engineers in Sumgait, we were informed that the reason was low voltage at site. Later on, most of meters became online.
- 2) From Jan 31 to today, the meter online rate was only 50%. And the data collection rate was also only 50%. Till now 1070 meters were still offline.
Analysis: the CT meters under the transformer were offline. The two data concentrators were also offline. On Feb 10 and 12 respectively, there were power outage events reported by the CT meters at site. And on Feb 12 and 14 respectively, there were power on

alarm for these meters. After analysis, we think the reason that so many meters were offline may be that some places at site were keeping in power outage status, or the GPRS network has problem during this period.

Azerenerji needs to send people to site check the reason immediately. The CT meters under transformer needs to be checked first to see if they are working correctly.

- 3) Among all the meters that were installed at site, still 145 meters are always offline. They need to be checked at site one by one. However, according to the previous check by our engineer at site, most meters were offline because there was no wire connection or poor GPRS coverage. It is strongly recommended that GSM station be installed immediately, and wire connection was made to these meters ASAP.
- 4) Among all the meters that were installed at site, still the archive information of 44 meters are missing(including 36pcs 1ph GPRS meters and 8pcs 3ph GPRS meters), which needs to be provided by Azerenergy ASAP so we can import these archive information to our system so as to ensure the normal running of the system, especially that this will directly affect the normal running of system when it is switched to prepayment mode. Azerenergi needs to find a better solution to solve this problem ASAP.