

## Report for Azerbaijan Prepayment Project

### 1. Project Status (Till Feb 8<sup>th</sup>, 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) From Jan 27 to Jan 30, 2014, the system was running successfully. The data collection rate reaches 92 %. The data of all GPRS meters can be collected, except those offline meters;

### 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) **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: after considering the actual conditions of online meter number, successful data collection rate, as well as the alarms reported by the meter, we found that in Atyali, there were large-scale power outage events on Jan 30, Feb 1, and Feb 4 respectively. Now the power has been recovered for AMI CT meters only.**

**Most meters started offline from 1pm to 3pm of Feb 4, and they were not online till now. Our initial analysis result is that the GPRS network at site has problem again, or power of some lines has still not been recovered till now. Azerenerji needs to check the reason ASAP.**

- 2) 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.
- 3) 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.