

AD-HOC TECHNICAL ASSISTANCE PROJECT

AHEF No. UZ47

Project Title

Reduction of non-technical natural gas losses in transmission gas pipeline system and gas distribution networks.

Country (s) Uzbekistan

Timescale for implementation

Beneficiary(s)

JSC "Uztransgaz" (National Holding Company "Uzbekneftegaz").

Main and specific objectives

The **main** objective of the project is to assist Uzbekistan improve the efficiency of the gas transport network thereby facilitating a more rational use of the country's resources, improved energy intensity, energy security and increased sustainability of the economy.

The **specific** objective of the assignment is to propose international practices on giving incentives to JSC Uztransgaz to implement measures aimed at the reduction of non-technical gas losses and develop organisational and economic mechanisms for reduction of those gas losses in transmission gas pipelines system and gas distribution networks.

Results achieved

The problem of non-technical losses deals directly with the immensely complex 'human factor'. Given the wide and diverse cultural, socio-economic context of this issue, it is understandable that there is no 'magic bullet' that will fix the problem across all operating environments. Rather, the optimal approach is one of trial-and-error. Testing policies and procedures in limited areas at first, and measuring their success before rolling them out to a wider section of the customer base.

The SEMISE experts have listed a wide array of measures in reduction of non-technical losses that have variously been implemented in other countries by other companies facing a similar set of problems but in a vastly different socio-economic, cultural and political context. For these reasons, it is sensible to first prepare and trial the Action Plan for reduction of non-technical gas losses in one or two key areas, perhaps testing out a town and a rural area, monitoring the results, amending in the light of experience and then moving out to other areas.

Useful information/ relevant documents

For further information about the project contact the representative of the Beneficiary Mr. B.B. Eshmuratov

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