

# Bangladesh: Natural Gas Infrastructure and Efficiency Improvement Project

#### 1. Project Information

| Project Name:         | Natural Gas Infrastructure | Project No:          | 000015                       |  |  |
|-----------------------|----------------------------|----------------------|------------------------------|--|--|
|                       | and Efficiency Improvement |                      |                              |  |  |
|                       | Project                    |                      |                              |  |  |
| Region/Country:       | South Asia / Bangladesh    | Sector(s):           | Energy                       |  |  |
| Year of Approval:     | FY 2017                    | Financing Type:      | SBF                          |  |  |
| Financing Instrument: | Ioan                       | Co-financier(s):     | ADB                          |  |  |
| Project Team Leader:  | Hongliang Yang             | Implementing Agency: | Bangladesh Gas Fields        |  |  |
|                       |                            |                      | Company Ltd. (BGFCL) for     |  |  |
|                       |                            |                      | component 1;                 |  |  |
|                       |                            |                      | Gas Transmission Company     |  |  |
|                       |                            |                      | Ltd of Bangladesh (GTCL) for |  |  |
|                       |                            |                      | Component 2.                 |  |  |
| Filed Visits          | August 2-3, 2017           |                      |                              |  |  |

#### 2. Project Objectives

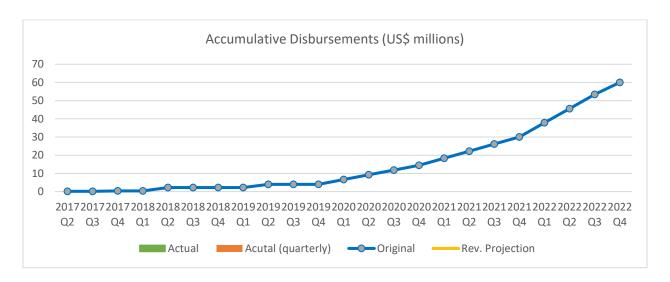
The objective of the Project is to improve efficiency in gas production and expand gas transmission pipeline capacity in Bangladesh.

#### 3. Key Dates

| Loan Approval: | March 22, 2017 | Loan Signing:           | May 8, 2017 |
|----------------|----------------|-------------------------|-------------|
| Effectiveness: | July 03, 2017  | Restructuring (if any): |             |
| Orig. Closing: | June 30, 2022  | Rev. Closing (if any):  |             |

### 4. Disbursement Summary

| Net Commitment:      | US\$60 million    | Rev. Amount (if any):     |                  |
|----------------------|-------------------|---------------------------|------------------|
| Disbursed Amount:    | US\$ 0.34 million | Disbursed (last quarter): | US\$0.34 million |
| Undisbursed Balance: | US\$59.81 million | Disbursement Ratio:       | 1%               |



# **Project Implementation Monitoring Report (#2)**

Updated on November 6, 2017

# **Project Implementation Status**

| Components              | Physical<br>Progress | Safeguards Compliance | Procurement | Financial<br>Management |
|-------------------------|----------------------|-----------------------|-------------|-------------------------|
| Component 1:            |                      | n/a                   | n/a         | Delayed                 |
| seven wellhead gas      |                      |                       |             | disbursement            |
| compressors in the      |                      |                       |             |                         |
| Titas gas field         |                      |                       |             |                         |
| (US\$24 M)              |                      |                       |             |                         |
| Component 2: 181        |                      | n/a                   | n/a         | n/a                     |
| kilometers, 36-inch gas |                      |                       |             |                         |
| transmission pipeline   |                      |                       |             |                         |
| from Chittagong         |                      |                       |             |                         |
| through Feni to         |                      |                       |             |                         |
| Bakhrabad               |                      |                       |             |                         |
| (US\$30 M)              |                      |                       |             |                         |

#### 5. Key Issues and Complaints Received, and Actions

Key issues

Recently CTL and the project team discussed with ADB on the disbursement issue related to the needed commitment letter. A comfort letter was issued by the Bank as an interim solution.

#### Complaint: no.

| Actions                          | Responsible Party | Target Date | Status        |  |
|----------------------------------|-------------------|-------------|---------------|--|
| Procurement activities ongoing.  | IA and ADB        | n/a         | On track      |  |
| Disbursements have been delayed. | AIIB, ADB and IA  | n/a         | Interim       |  |
|                                  |                   |             | solution used |  |
|                                  |                   |             |               |  |

# 6. Results Monitoring

| Project Objective | Baseline | 20     | 17     | 20     | 18     | 20     | 19     | 20     | 20     | 20     | 21     | Others, |
|-------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Indicators        | (2016)   | Target | Actual | if any  |
| Indicator #1:     | 90       | 90     |        | 80     |        | 70     |        | 60     |        | 50-60  |        |         |
| average annual    |          |        |        |        |        |        |        |        |        |        |        |         |
| wellhead pressure |          |        |        |        |        |        |        |        |        |        |        |         |
| drop reduced to   |          |        |        |        |        |        |        |        |        |        |        |         |
| 50-60 PSIG        |          |        |        |        |        |        |        |        |        |        |        |         |
| Indicator #2: gas | 230      | 230    |        | 230    |        | 230    |        | 230    |        | 230    |        |         |
| production        |          |        |        |        |        |        |        |        |        |        |        |         |
| sustained at 230  |          |        |        |        |        |        |        |        |        |        |        |         |
| MMCFD             |          |        |        |        |        |        |        |        |        |        |        |         |
| Indicator #3:     | 2700     | 2700   |        | 2700   |        | 2700   |        | 2700   |        | 3500   |        |         |
| natural gas       |          |        |        |        |        |        |        |        |        |        |        |         |
| transmission and  |          |        |        |        |        |        |        |        |        |        |        |         |
| delivery capacity |          |        |        |        |        |        |        |        |        |        |        |         |
| expanded          |          |        |        |        |        |        |        |        |        |        |        |         |



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| Project Result     | Baseline | 20     | )17    | 20     | 18     | 20     | )19    | 20     | 20     | 20     | )21    | Others, |
|--------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Indicators         | (2016)   | Target | Actual | if any  |
| Indicator #1:      | 0        | 0      |        | 0      |        | 2      |        | 4      |        | 7      |        |         |
| number of          |          |        |        |        |        |        |        |        |        |        |        |         |
| wellhead gas       |          |        |        |        |        |        |        |        |        |        |        |         |
| compressors        |          |        |        |        |        |        |        |        |        |        |        |         |
| Indicator #2:      | 1250     | 1250   |        | 1250   |        | 1250   |        | 1250   |        | 1250   |        |         |
| wellhead gas       |          |        |        |        |        |        |        |        |        |        |        |         |
| delivery pressure  |          |        |        |        |        |        |        |        |        |        |        |         |
| maintained at      |          |        |        |        |        |        |        |        |        |        |        |         |
| 1250 PSIG          |          |        |        |        |        |        |        |        |        |        |        |         |
| Indicator #3:      | 0        | 0      |        | 50     |        | 120    |        | 161    |        | 181    |        |         |
| length of 36-inch  |          |        |        |        |        |        |        |        |        |        |        |         |
| gas transmission   |          |        |        |        |        |        |        |        |        |        |        |         |
| pipeline           |          |        |        |        |        |        |        |        |        |        |        |         |
| Indicator #4: 36-  | 0        | 0      |        | 0      |        | 0      |        | 0      |        | 800    |        |         |
| inch gas           |          |        |        |        |        |        |        |        |        |        |        |         |
| transmission       |          |        |        |        |        |        |        |        |        |        |        |         |
| pipeline built and |          |        |        |        |        |        |        |        |        |        |        |         |
| capacity realized  |          |        |        |        |        |        |        |        |        |        |        |         |