Appendix 4 to the Rules for approving investment programs (projects) of a natural monopoly entity, their adjustment, as well as analysis of information on their

execution

Information of the subject of natural monopoly

on the course of execution by the subject of the investment program for the 1st half of 2016

JSC "Mangistau power distribution сompany" (name of the subject of natural monopoly)

Transmission and distribution of electrical energy, (type of activity)

Approved by the Order of Department of the Committee for the Regulation of Natural Monopolies and the Competition Protection of the Ministry of National Economy of the Republic of Kazakhstan in Mangistau Region No. 80-OD dated July 31, 2015 (who approved the program (date, order number))

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Information on the implementation of the investment program in the context of sources of financing, thous. KZT** | | | | | | | | | | | | | | | | | |
| **Name of events** | **Unit of measurement (for physical**  **indicators)** | **Quantity in physical terms** | | **The amount of the investment program, thousand KZT** | | **own funds** | | | | **Borrowed funds** | | | | **Budgetary funds** | | **Unregulated (other) activity** | |
|  |  |  | **plan for 2016** | **fact for the 1 half** | **plan for 2016** | **fact for the 1 half** | **plan for 2016** | **fact for the 1 half** | **deviation** | **reasons for deviation** | **plan for 2016** | **fact for the 1 half** | **deviation** | **reasons for deviation** | **plan for 2016** | **fact for the 1 half** | **plan for 2016** | **fact for the 1 half** |
| 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | Construction of power transmission line-220kV Aktau-Karazhanbas with an autotransformer  1x125MVA at Distribution Substation "Karazhanbas" | km/pcs. | 198,6/1 |  | 4 419 468 | 440,689 | 619,468 | 440,689 |  | There are no deviations, works are carried out according to the schedule | 3 800 000 |  |  | There are no deviations, works are carried out according to the schedule |  |  |  |  |
| 2 | Correction of the project for the construction of Aktau-Karazhanbas transmission line-220 kV with autotransformer 1x125MVA at the emergency switching station (Node Distribution Substation) Karazhanbas | km/pcs. | 198,6/1 |  | 1 300 000 |  |  |  |  | 1 300 000 |  |  |  |  |  |  |
| 3 | The construction of transmission lines 110 kV from Substation "Uzen" - up to 220 kV of Substation 110/35/6 Plateau length (1х18,7 km) with the replacement of transformer 1х40МВА | km/pcs. | 1х18,7 |  | 7 400 |  | 7 400 |  |  |  |  |  |  |  |  |  |
| 4 | Reconstruction of the substation-110/6 kV of CFPP | pieces | 1 |  | 953,834 |  | 453,834 |  |  | 500,000 |  |  |  |  |  |  |
| 5 | Construction of electric power line-10kV from the substation 110 / 10kV "Cement Plant" to the distribution point-10kV Shetpe | km | 2х6 |  | 33 500 |  | 33 500 |  |  |  |  |  |  |  |  |  |
| 6 | Construction of a regional dispatch center | pieces | 1 |  | 245,368 | 634,292 | 245,368 | 634,292 | 388,924 | In connection with the adjustment of design and estimate documentation, the cost of construction and installation work has increased |  |  |  |  |  |  |  |
| 7 | Implementation of the project on Automatic system for commercial accounting of power consumption at 6-10 / 0.4kV of JSC "MRPGC" with the introduction of telemechanics and telemetry | pcs/subs. | 1/19000 | 1/18692 | 977,860 | 191,320 | 477,860 | 191,320 |  | There are no deviations, works are carried out according to the schedule | 500,000 |  |  |  |  |  |  |
| 8 | Modernization of a 6 kV switchgear at a 110 / 6kV substation with the replacement of a 6kV indoor switchgear with a metal-clad switchgear at outdoor switchgear - 6kV | pcs./cell | 1./25 |  | 136,700 | 4 242 | 136,700 | 4 242 |  |  |  |  |  |  |  |  |
| 9 | Reconstruction of the equipment of outdoor switchgear-35kV, 110kV with replacement of separator — shorting device-110kV and installation of 35kV reclosers at substation 110/35 / 6kV "East Zhetybay" | piece / off | 1./9 |  | 25 000 |  | 25 000 |  |  |  |  |  |  |  |  |  |
| 10 | Modernization (reconstruction) of outdoor switchgear 35 kV at substation 110/35/6kV substation "Vpadina" and substation "Plateau" | piece / off | 2./10 |  | 46 000 | 2 051 | 46 000 | 2 051 |  |  |  |  |  |  |  |  |
| 11 | Reconstruction of distribution networks with replacement of Complete transformer substation | km/pcs. | 601/300 |  | 790,959 |  | 490,959 |  |  | 300,000 |  |  |  |  |  |  |
| 12 | Modernization (reconstruction) of the equipment of outdoor switch-gear -35, 110 and switchgear -6kV substation 110/35 / 6kV of "Gorodskaya" | piece / off | 1./7 |  |  | 3 377 |  | 3 377 | 3 377 | Previously approved project.  Start of implementation in 2015 |  |  |  |  |  |  |  |  |
| 13 | Reconstruction of the outdoor switchgear equipment (open switchgear) -35kV at substation 110/35 / 6kV "East Zhetybay" | piece / off | 1./9 |  |  | 1 540 |  | 1 540 | 1 540 |  |  |  |  |  |  |  |  |
| 14 | Maintenance of 110 kV overhead lines and 220 kV overhead lines for predicting the service life and increasing the lightning protection of air lines. | pieces | 1 |  |  | 2 986 |  | 2 986 | 2 986 |  |  |  |  |  |  |  |  |
| 15 | Modernization (reconstruction) of equipment Open switchgear -110kV at substation 220/110 / 10kV "Uzen " | . | 17 |  |  | 20 347 |  | 20 347 | 20 347 |  |  |  |  |  |  |  |  |
| 16 | Modernization (reconstruction) of equipment Open switchgear-110kV and closed switchgear-6kV substation 110 / 6-6kV "Industrial Zone "" | piece / off | 1./2 |  |  | 1 807 |  | 1 807 | 1 807 |  |  |  |  |  |  |  |  |
| 17 | Modernization (reconstruction) of equipment of 35 kV outdoor switchgear, 35 / 6kV substation“ "Sauskan" | piece / off | 1./2 |  |  | 1 026 |  | 1 026 | 1 026 |  |  |  |  |  |  |  |  |
| 18 | Modernization (reconstruction) of equipment of 35 kV outdoor switchgear of 35 / 6kV substation“ "Block Bush Pump Station-  2,3,4,5", Tasbulat, Beket-ATA, Akkuduk, Akzhigit | piece / off | 7./22 |  |  | 8 204 |  | 8 204 | 8 204 |  |  |  |  |  |  |  |  |
| 19 | Replacement of power transformers at 35 / 6kV "Block Bush Pump Station-2" substation with a capacity of 2x6.3 MVA at 2x10MVA | pieces | 2 |  |  | 1 330 |  | 1 330 | 1 330 |  |  |  |  |  |  |  |  |
| 20 | Replacing outdoor switchgear-6kV complete switchgear at 110 / 6kV substation "Karazhanbas-2" | pcs./cell | 1./18 |  |  | 4 242 |  | 4 242 | 4 242 |  |  |  |  |  |  |  |  |
| 21 | Modernization (reconstruction) of a 35 kV outdoor switchgear and a complete switchgear for an outdoor installation of 6.10 kV at a 35 \ 10 kV substation Tigen, Zharmysh, Kyzyl-Turan, Ushtagan, Shaiyr, Kyzan, Tushchykyduk,  Cariernaya (Beyneu) | pieces | 9./12 |  |  | 4 140 |  | 4 140 | 4 140 |  |  |  |  |  |  |  |  |
| 22 | Engineering services and technical support | pieces | 6 |  |  | 11 500 |  | 11 500 | 11 500 |  |  |  |  |  |  |  |  |
| 23 | Overhaul and replacement of assets for equivalent |  |  |  |  | 46 712 |  | 46 712 | 46 712 | Production equipment, devices and installations, software, process vehicles, etc. were purchased due to production needs |  |  |  |  |  |  |  |  |
|  | **TOTAL** |  |  |  | **8 936 089** | **1 379 805** | **2 536 089** | **1 379 805** | **496,135** |  | **6 400 000** | **0** | **0** |  | **0** | **0** | **0** | **0** |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Performance, reliability and quality indicators \*** | **fact of the year (half year) preceding the reporting period** | **plan (year)** | **fact of the current**  **years (half year)** | **Evaluation score of**  **reliability and**  **and quality indicators** | **The reasons**  **(justification)**  **for non-achievement of**  **reliability and**  **and quality indicators** |
| Improvement of performance indicators,%, by implementation year,  depending on the approved investment program (project) |  |  |  |  |  |
| Decrease in depreciation of (physical) fixed assets (assets),%, by years of  implementation depending on the approved investment program (project) |  |  |  |  |  |
| Reduction of losses,%, by years of implementation, depending on the approved  investment program (project) |  |  |  |  |  |
| Reduction of accident rate, by year of implementation depending on the approved  investment program |  |  |  |  |  |

\* Indicators of efficiency, reliability and quality will be determined by the end of the year.