# **Environmental Monitoring Form** - 1<sup>st</sup> January to 31<sup>st</sup> March 2020 -

#### I. Thermal power plant

#### (1) Construction phase

#### (a) Air pollution

Location: Closest Residential Area, as recommended by Chapter 8, Feasibility Study Final Report, August 2014 by JICA and TEPSCO (1km from site – refer to Map 1)

Regulation: Sanitary norms, rules and hygiene normative documents of the Republic of Uzbekistan have been updated from San Pin No.0015-94 to 0293-11 for residential areas.

Unit mg/m

| Dete                                 | Itaana | Measured Value<br>(30min) |      |       | Uzbkistan<br>maximum                    | IFC/ EHC                     |  |  |
|--------------------------------------|--------|---------------------------|------|-------|---|------------------------------|--|--|
| Date                                 | Item   | Average                   | Max  | Min   | permissible<br>concentration<br>(30min) | Guideline<br>General;2007    |  |  |
|                                      | $NO_2$ | 0.042                     | 0.08 | 0.004 | 0.085                                   | 0.2(1hour)                   |  |  |
| 8 March 2020 –                       | NO     | -                         | -    | 1     | 0.6                                     | -                            |  |  |
| taken in nearest<br>Residential Area | $SO_2$ | 0.0                       | 0.0  | 0.0   | 0.5                                     | 0.5(10min)<br>0.125(24hours) |  |  |
|                                      | Dust   | 0.03                      | 0.04 | 0.02  | 0.5                                     | 0.15(24hours)                |  |  |

Baseline Data for Dust Conducted before and at commencement of Construction

| Date   | Location  | Measured Value<br>(30min) |      | Uzbkistan<br>maximum<br>permissible<br>concentration<br>(30min) SanPin<br>0293-11 | Uzbkistan<br>maximum<br>permissible<br>concentration<br>(30min)<br>SanPin<br>0015-94 | IFC/ EHC<br>Guideline<br>General;2007 |               |
|--|---|---------------------------|------|---|--|---------------------------------------|---------------|
|  |   | Average                   | Max  | Min   |  |                                       |               |
| 2012 -<br>Environmental<br>Impact<br>Statement | Namangan –<br>residential<br>Area (10 km<br>off-site) | 0.08                      | 0.15 | -   | 0.085  | 0.15                                  | 0.15(24hours) |
| (and JICA<br>Feasibility<br>Study)             | Namangan –<br>Nearby Road<br>(10 km off-site)         | 0.07                      | 0.15 | -   | 0.6  | 0.15                                  | 0.15(24hours) |
| 18 April 2017                                  | On Turakurgan Site just as construction commenced     | 0.37                      | 0.15 | 0.3   | 0.5  | 0.15                                  | 0.15(24hours) |

**COMMENT**: Air quality, both on site and in residential areas closest to site, are within the current SanPin Uzbekistan legal limits. Contractor continues to use dust suppression management around the site by using water carts, on a regular basis; removing of soft top silt (dust-causing) layer on access roads; and compacting access areas. Tests were witnessed by the Engineer' National Environmental and Social Expert.

#### (b) Noise

Location: Closest residential Area to Power Plant (Refer to Map1)

Regulation: Protection from noise" (State committee of Uzbekistan for architecture and construction. Tashkent. 1996) (Norms for household construction) (KMK 2001.08-96)

Unit:dBA

| Date<br>(Period)               | Location  | Average | Max | Min | Uzbekistan<br>Noise standards            | IFC/ EHC Guideline<br>(General; 2007)<br>residential area |
|--------------------------------|---|---------|-----|-----|--|---|
| 14 March<br>2020<br>Day Time   | Southside of site (over 1km) House No.49, 54, 58 and 60 | 24      | 25  | 24  | Residential area<br>Day: 55<br>Night: 45 | Residential area<br>Day: 55<br>Night: 45                  |
| 14 March<br>2020<br>Night Time | Southside of site (over 1km) House No.49, 54, 58 and 60 | 21      | 22  | 20  | Residential area<br>Day: 55<br>Night: 45 | Residential area<br>Day: 55<br>Night: 45                  |

<sup>\*</sup> Testing witnessed by Engineer' National Environmental and Social Expert

#### (c) Water pollution (River water quality)

Location: Outtake (GCN) – Exit at lower end of site

Regulation: Rules for protection of surface water from contamination by discharge water.

(San Pin No.0056-98)

Sampling Date: 14 April 2020

| Samping Date: 14 April 2020 |           |  |   |                                       |  |  |  |  |
|-----------------------------|-----------|--|---|---------------------------------------|--|--|--|--|
| Item                        | Unit      | Measured Value                                   | Environmental standard in<br>Uzbekistan | IFC/ EHC Guideline<br>(General; 2007) |  |  |  |  |
| pН                          | _         | 7.6  | 6.5- 8.5                                | 6-9                                   |  |  |  |  |
| SS                          | mg/L      | 0.001  | 30                                      | 50                                    |  |  |  |  |
| Oil and Grease              | mg/L      | 0  | 0.05                                    | 10                                    |  |  |  |  |
| BOD                         | mg/L      | 2.3  | 3.0                                     | 30                                    |  |  |  |  |
| COD                         | mg/L      | 2.8  | -                                       | 125                                   |  |  |  |  |
|                             |           | arged into public water<br>t discharged into GCN | bodies such as GCN, a river,            | the analysis of the following         |  |  |  |  |
| Total nitrogen              | mg/L      | -  | -                                       | 10                                    |  |  |  |  |
| Total phosphorus            | mg/L      | -  | -                                       | 2                                     |  |  |  |  |
| Total coliform bacteria     | MPN/100mL | -  | -                                       | 400                                   |  |  |  |  |

#### **COMMENT**

<sup>\*</sup> Sample testing of GNC was witnessed by the Engineer' National Environmental and Social Expert

<sup>\*\*</sup> Drained effluent is stored in separated tanks (eg. concrete batching Plant, Camp, etc) and taken away by local subcontractor for specialist disposal and is not discharged into the GNC or any other river systems.

#### (d) Waste

Location: Project site and associated facilities

Regulation: RD 118,0027714.60-97 Nature protection. Treatment of waste from production and consumption. Terms and definitions. Goskompriroda of Uzbekistan. Tashkent. 1997.

Reporting Date; 1 January to 31 March 2020

| Item   | Hazardous<br>Class | Place of generated waste         | Storage amount<br>(Unit: t or kg) | Disposal<br>amount<br>(Unit: t or kg) | Disposal method and place  |
|--|--------------------|----------------------------------|-----------------------------------|---------------------------------------|--|
| General Office<br>and Hard<br>Domestic Waste | V                  | Project Site Area /<br>Camp Area | 200.59 m <sup>3</sup>             | 200.59 m <sup>3</sup>                 | Disposed through Service<br>Provider at Turakurgan<br>Disposal Yard                              |
| Paper Waste                                  | V                  | Project Site Area /<br>Camp Area | 350 Kg                            | 350 Kg                                | Taken by Uzbekenergo   |
| Polyethylene waste                           | IV                 | Project Site Area /<br>Camp Area | 400 Kg                            | 400 Kg                                | Taken by Uzbekenergo   |
| Plastic Waste                                | IV                 | Project Site Area /<br>Camp Area | 270 Kg                            | 270 Kg                                | Taken by Uzbekenergo   |
| Non-ferrous<br>Metallic Waste                | V                  | Project Site Area                | 120 Kg                            | -                                     | Stored at designated waste storage area at site  |
| Black Metal<br>Waste                         | V                  | Project Site Area                | 160.73 ton                        | 160.73 ton                            | Taken by Uzbekenergo   |
| Construction Waste (bricks, concrete blocks) | V                  | Project Site Area                | 155.25 ton                        | 155.25 ton                            | Taken by Uzbekenergo   |
| Rubber Waste                                 | IV                 | Project Site Area                | -                                 | -                                     | Nil  |
| Oil Waste                                    | II                 | Project Site Area /<br>Camp Area | 100 liters                        | -                                     | Stored at designated waste storage area at site  |
| Fabric / Cloth waste                         | IV                 | Project Site Area /<br>Camp Area | -                                 | -                                     | Nil  |
| Wood Waste                                   | IV                 | Project Site Area                | $350.07 \text{ m}^3$              | $350.07 \text{ m}^3$                  | Taken by Uzbekenergo   |
| Septic Waste<br>Water                        | V                  | Project Site Area                | 300 m <sup>3</sup>                | 300 m <sup>3</sup>                    | Taken toNamangan City<br>Wastewater Treatment<br>Plant   |
| Food Waste                                   | V                  | Camp Area                        | 15.7 m <sup>3</sup>               | 15.7 m <sup>3</sup>                   | Taken by catering<br>services workers to their<br>homes each day for<br>feeding domestic animals |
| Luminescent<br>Lamps                         | I                  | Project Site Area /<br>Camp Area | -                                 | -                                     | Nil  |
| Medical Waste                                | IV                 | Camp /Mobilization<br>Area       | 40.2 kg                           | 40.2 kg                               | Disposed at Turakurgan<br>Hospital for Incineration  |
| Glass waste                                  | V                  | Camp Area                        | -                                 | -                                     | Nil  |
| Battery Waste                                | II                 | Project Site Area /<br>Camp Area | 1 each                            | -                                     | Stored at designated waste storage area at site  |

Waste is disposed from site by specialist sub-contractors. Those wastes taken by Employer are, as much as possible, sent for sent for recycling. The Uzbekistan Law has defined waste by levels of hazardousness, as follows:

- Level I is Highly hazardous
- Level II is Hazardous
- Level III is Moderately Hazardous.
- Level IV is Slightly Hazardous
- Level V is Non-Hazardous

#### (e) Ecosystem

Location: The project site and its vicinity
Observation Date; 1 January to 31 March 2020

| Category<br>(Amphibia,<br>Reptiles etc) | Observation<br>Location | Local name | The scientific name | TT 1 11 4   |         |  |
|---|-------------------------|------------|---------------------|-------------|---------|--|
| NO FAUN                                 | NA SITINGS C            | ON OR AROU | ND SITE DUR         | ING THE REP | PORTING |  |
|   |                         | PER        | IOD                 |             |         |  |

### (f) Geology and soil

Location: Well, Excavation site and soil storage sites during 1 January to 31 March 2020 <Excavation on site>

| Date                             | Locations  | Status                                       | Excavation<br>amount<br>(Unit:m <sup>3</sup> ) | Provision       | Remarks  |
|----------------------------------|--|--|--|-----------------|--|
| Refer to Map 2 of                | Areas location and Map   | 3 for stockpile lo                           | cation and permits                             |                 |  |
| 1 October to 31<br>December 2019 | Areas A, B, C, D, E,<br>F, sedimentation<br>ponds and Canal<br>intake area | Ongoing<br>(210,507.59<br>m³ remaining)      | 593,828.47 m <sup>3</sup>                      | Storage on-site | Excavation<br>Total =<br>804,334.08<br>m <sup>3</sup>  |
| 1 October to 31<br>December 2019 | Areas A, B, C, D, E,<br>F, sedimentation<br>ponds and Canal<br>intake area | Ongoing (59,667.81 m <sup>3</sup> remaining) | 180,014.00 m <sup>3</sup>                      | -               | Backfilling<br>Total =<br>249,701.81<br>m <sup>3</sup> |

#### <Topsoil Stockpiling>

| Date                             | Locations   | Status                                       | Storage amount ((Unit:m <sup>3</sup> ) | Provision  | Remarks  |
|----------------------------------|---|--|--|--|--|
| Refer to Map 2 of                | Areas location and M  | ap 3 for stockpile                           | location and permi                     | ts   |  |
| 1 October to 31<br>December 2019 | Areas A, B, C, D,<br>E, F plus Plant<br>access road,<br>sedimentation<br>ponds and Canal<br>intake area | soil stripping<br>= 0 – none<br>this quarter | 6,873.00 m <sup>3</sup>                | Have permits,<br>implementing<br>erosion control<br>measures | Soil Stripping Total = 6,873.00 m³ and completed |

## (g) Labor and working conditions Location: Project Site Area

Reporting Date - 1 January to 31 March 2020\*

| Construction<br>Contents                      | Inspection<br>Item  | Contents  | Status  | Provision  | Remarks   |
|---|---|---|---|--|---|
| HSE Plan                                      | HSE Plan –<br>Associated<br>Plans and<br>Procedures             | Procedures such as Permit to work, hazardous materials and waste handling, waste management, excavation, working in confined spaces, work at heights etc. were submitted approved | No updated or separate plans updated for Commissioning/operation stages by contractor.  | Contractor instructed to ensure full implementation of HSE and associated plans and procedures; and  Contractor requested to update plans and procedures for commissioning / operation | 1   |
| Emergency<br>Management<br>Planning           | Emergency<br>Management<br>-<br>Preparedness<br>and<br>Response | Emergency<br>Management<br>Plans still in<br>operation and<br>effectively<br>sunning  | Ongoing   | Contractor has<br>been instructed<br>to comply with<br>HSE Plan and<br>associated<br>Emergency<br>Management<br>Plans  | 1   |
| Fuel and<br>hazardous<br>materials<br>storage | Cooling<br>Tower<br>inspection                                  | Oil leaks on cooling water tower pumps creating environmental hazard flowing into storm and wastewater systems without oily water separation. Also is a slip-safety hazard        | Instruction given to Contractor by consultant and followed later by the employer also – ongoing to repair.  | Contractor<br>shall fix<br>leaking pumps   | 1   |
| Personnel<br>safety during<br>commissioning   | HRSG<br>Penthouse<br>Silencer                                   | Hot water<br>leakages risks<br>to worker<br>H&S   | Instruction given to<br>Contractor to repair leak   | Contractor to fix leak   | 1   |
| Personnel<br>Safety                           | PPE<br>Distribution   | PPE Procedures document; and Distribution of PPE on site  PPE still not   | Distributed to all<br>workers- 1 set PPE for all<br>workers entering site; and<br>special equipment<br>provided to workers<br>relating to relevant<br>hazards of specific | Training in use of PPE is conducted on daily basis.  Contractor instructed to  | Remains<br>compliant,<br>with just a<br>few small<br>exceptions |

| Construction<br>Contents | Inspection<br>Item  | Contents  | Status  | Provision  | Remarks |
|--------------------------|---------------------|---|---|--|---------|
|                          |                     | always worn<br>by truck<br>operators and<br>security. | activity  Contractor reminded to comply with all H&S procedures, including those approved by engineer and those in compliance with Uzbekistan laws and inspection by Government authorities in H&S  | remind all workers to wear the issued PPE and always be aware of H&S on-site  During equipment testing, all safety and environmental procedures were not always followed being followed. |         |
| Environmental            | Air quality         | Dust control  | Ongoing   | Dust measurements both at nearest rdidents and on-site, as reported by tests commissioned by the Contractor have all remained within or below required standard limits                   | -       |
| Environmental            | Waste<br>Management | Solid Waste<br>Management                             | Contractor has improved the waste management on-site, with frequent collection and less waste lying around over the construction site.  Contractor measures separated waste.  However, not all waste is disposed separately.  Central waste disposal area remains very full and is a potential fire hazard. | Contractor<br>ordered by the<br>engineers to<br>increase<br>frequency of<br>solid waste<br>removal from<br>site, improve<br>separation of<br>wastes for<br>recycling.                    |         |
| Environmental            | Waste<br>Management | Contractor<br>Camp<br>Wastewater<br>Tanks             | Disposal by<br>subcontractor may not be<br>compliant with EMP (ie.<br>Untreated wastewater<br>being taken to Namangan<br>water treatment Plant)   |  |         |
| Safety                   | Working at          | Dropping of   | Ongoing H&S issue -   | Contractor   |         |

| Construction<br>Contents | Inspection<br>Item | Contents                              | Status   | Provision   | Remarks                  |
|--------------------------|--------------------|---------------------------------------|--|---|--------------------------|
|                          | heights            | materials and equipment to the ground | During inspections, tools, materials and parts of scaffold were being dropped onto the ground from heights.  The Contractor was requested to instruct workers to prevent this happening again. | ordered by the engineers to comply by instruction to workers, and maintaining a fenced off space in such areas where there is work at heights, in compliance with the Contractor' "Working at Height Procedures"  |                          |
| Construction works       | Labor              | Permit to<br>Work                     | PTW Procedure approved and implementing, although no specific person assigned to conduct day-to-day implementation.  | Contractor already instructed to ensure such people are in place, as some incidents occurred, where permit-to-work and other approved HSE procedures in place, may have reduced risk of technical faults in commissioning and some near miss incidents relating to electrical equipment switches modes. |                          |
| Hiring<br>Process        | Health             | Medical<br>Fitness                    | Good - ongoing – all employees   | Medical<br>prescreening is<br>conducted, and<br>records are<br>maintained   | At<br>Commencing<br>work |
| Construction<br>Works    | Physical condition | Physical fitness                      | Good - ongoing – all<br>employees  | Alcohol testing for all equipment operators and drivers  During Commissioning and especially operations, the engineer has   | Daily                    |

| Construction<br>Contents | Inspection<br>Item | Contents            | Status   | Provision  | Remarks |
|--------------------------|--------------------|---------------------|--|--|---------|
|                          |                    |                     |  | that alcohol<br>testing be<br>mandatory for<br>ALL personnel<br>entering the<br>site (this is<br>Standard<br>Operating<br>Procedures<br>internationally) |         |
| Construction<br>Works    | Medical            | Medical<br>Check-up | Good - ongoing – all<br>employees  On-site clinic was<br>inspected by engineer<br>and was seen to be<br>cleaned, well stocked and<br>medical supplies valid<br>until 2021-2022 | Medical<br>Assistance<br>provided to all<br>needed   | -       |

<sup>\*</sup> Based on both Environmental reporting from the Contractor and results of inspections by the Engineer (National Environmental Specialists)

(h) Grievances
Location: The project Site: 1 January to 31 March 2020

| Location. The project Site. I January to 31 March 2020 |              |             |               |               |         |  |  |  |
|--|--------------|-------------|---------------|---------------|---------|--|--|--|
| Date   | Name         | Contents    | Status        | Results       | Remarks |  |  |  |
| I  | No grievance | es recorded | for this repo | orting period | d       |  |  |  |

MAP 1 – Noise and Air Quality Sampling in Closest Residential Areas Air Test Location Easting Northing Location N40.999080 Çelikenerji Office 1 E71.457498 2 E71.455832 N41.000315 Mobilization Area 3 E71.454359 N40.996557 Batching Plant Area 4 E71.454059 N40.996139 Batching Plant Area N40.997367 Gas Turbine Building-1 5 E71.458055 6 E71.459363 N40.996813 SteamTurbine Building-1 N40.998254 Temporary Fuel Storage Area 7 E71.455893 8 E71.458250 N40.986280 Residence No.49 N40.986459 Residence No.54 10 E71.457200 N40.986612 Residence No.58 11 E71.458228 N40.987014 Residence No.60 N40.998468 Site SE Corner 13 E71.458692 N40.993396 Site SW Corner 14 E71.453033 N40.995775 Sile NW Comer 15 E71.455776 N41.001147 Site NE Corner © 2018 Microsoft Corporation © 2018 DigitalGlobe ©CNES (2018) Distribution Airbus DS



Map 3 – Permit for Topsoil and Excavation Stockpile Approvals and Maps

Узбекистон Республикаси
Ер ресурслари, геодезна,
картография ва давлат кадастри
давлат кумитаси
Наманган вилояти
Туракургон тумани
Ер ресурслари ва давлат
кадастри булими



O'zbekiston Respublikasi Yer resurslari, geodeziya, kartografiya va davlat kadastri davlat qo'mitasi Namangan viloyati To'raqo'rg'on tumani Yer resurslari va davlat kadastri bo'limi

160700 Тўракўргон шахри Тўракўргон кўчаси, 16. 160700 Toraqo rg on shahri Toraqo rg on, ko chasi, 16.

2017 йил «5 » авгурт

Тўракўргон шахри № 534 -сонли

Туракургон ИЭС дирекцияси унитар корхонаси рахбари Н.Насибалиевга

Тўракўрғон ИЭС унитар корхонасига эжратиб берилган экин ер майдонининг 30 см унумдор кисмини курилишдан узок бўлмаган ер майдонига ташлашни жойида атрофлича ўрганиб чикилганлигини хамда 30 см унумдор катламни "Шохидон Нурли Диёр" МЧ ММТП худудидаги кишлок хўжалик харитасининг 377-378-379-381-429-430-431-432-433-434-435-436-437-438-439-445-ко нтурларидаги ер майдонига ташиб бериш учун ажратиб берилганлигини маълум килади.

Туман ер ресурслари ва давлат кадастри бўлими бошлини в.б:



Э.Мансуров

#### Далолатнома

Тўракўргон шахри

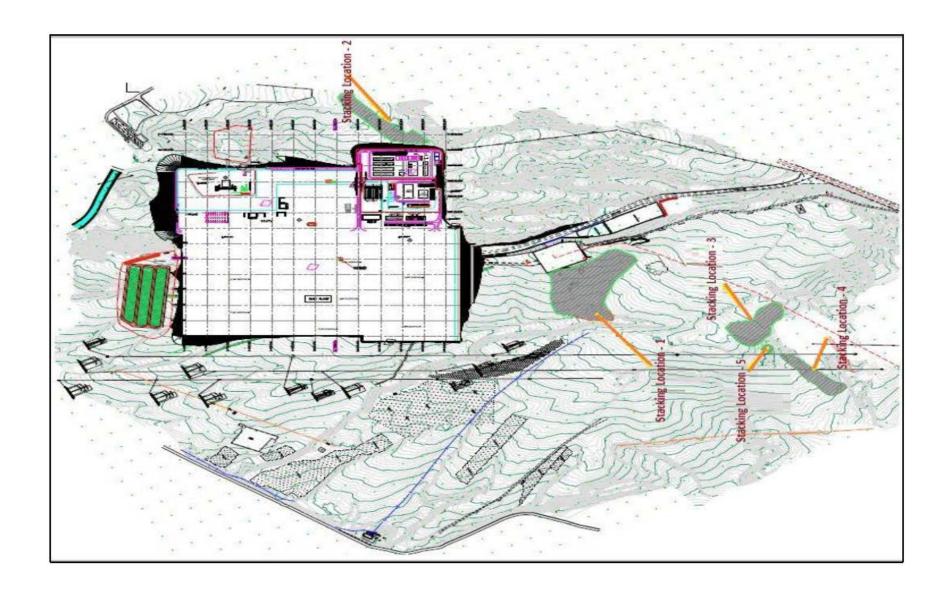
21 сентябр 2017 йил.

Тузамиз ушбу далолатномани шу мазмундаки, туман ер ресурслари ва давлат кадастри бўлими бошлиги А.Шодмонов, туман ер ресурслари ва давлат кадастри бўлими мутахассислари А.Жумаев, И.Камолов, У.Тожибоевлар "To'raqo'rg'on IES qurish direksiyasi" унитар корхонаси в.б бошлиги П.Насибалиев иштирокида бўлиб гузамиз ушбуни туманда ўзбекистон Республикаси Президентининг 2013 йил 28 мартдаги "Паманган вилоятида куввати 900 МВт бўлган иссиклик электр станцияси курилишини ташкиллаштирині чоралари тўгрисида"ги ПҚ-1943-сонли карори ижросини таъминлані максадида тумандаги "To'raqo'rg'on IES qurish direksiyasi" унитар корхонасига "Тўракўргон иссиклик электр станцияси" курилини учун туман хокимининг ва вилоят хокимининг тегишли карорларига асосан ажратилган 91,6 гектар ер майдонлари жойида атрофлича ўрганиб чикилди.

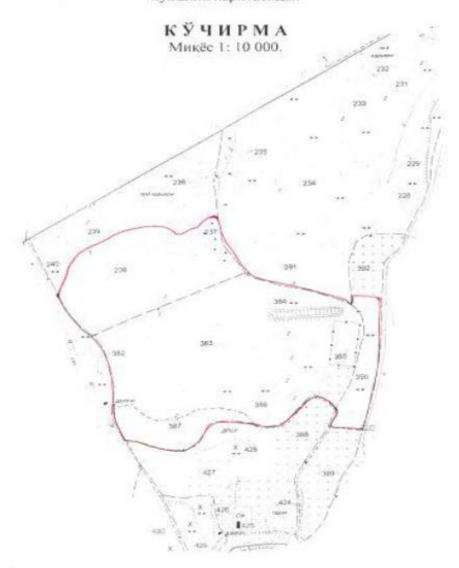
Узбекистон Республикаси Вазирлар Махкамасининг 2011 йил 25 майдаги 146-сонди карори билан тасдикланган "Ер участкалари эгалари, фойдаланувчилари, ижарачилари ва мулкдорларининг курган зарарларини, шунингдек кишлок хужалиги ишлаб чикариши нобудгарчиликларининг ўришні комлані тартиби тўгрисида"ги Пизомга мувофик курилиши учун ажратилаёттан сугориладиган экин ер майдонидан фойдаланишда булган 30-40 сантиметр калиндикдаги тупроклинг унумдор катламини шу худудлаги тупрок унумдорлиги жихатидан наст булган экин ер майдонларига таниб бериш белгилангандиги сабабли туман хокимининг ушбу ер ажратиш карорини ижросини таъминлаш максадида Тўракўргон иссиклик электр станцияси курилини учун ажратилган ер майдонидаги сугориладиган мавжуд экин ер майдонидан фойдаланинда булган 30 сантиметр калинликдаги тупрок унумдорлиги жихатидан 36-37 баллга тенг булган унумдор катламини Туракургон иссиклик электр тупрокнинг худудининг шарки киемида жойлашган "Шохидон станцияси хўжалик ички ер тузниі харитаецинин Пурли Диёр" масенви 238, 383, 237, 384, 385, 390, 386, 387-контурдаридаги экин майдондарига танілаб берініі лозим деб топилди.

"To'raqo'rg'on II:S qurish direksiyasi" унитар корхонасига Тўракўргон несижнік электр станцыяси курплинш учун ажратилган 91,6 тектар ер майдонидаги киншок хужалик ер майдон қатламлари қиркиб олинган ер майдонлари худулидаги ер теккислаш ишларини олиб бориш тасдикланған лойихалар асосида хамда корхонанинг лойиха режалари буйича иш олиб боришлари юзасидан қелишилди.

Юкорилагиларии тўгри деб имзо чекувчилар:
А.Шодмонов
А.Жумаев
И.Камолов
У.Тожибоев
Н.Насибалиев

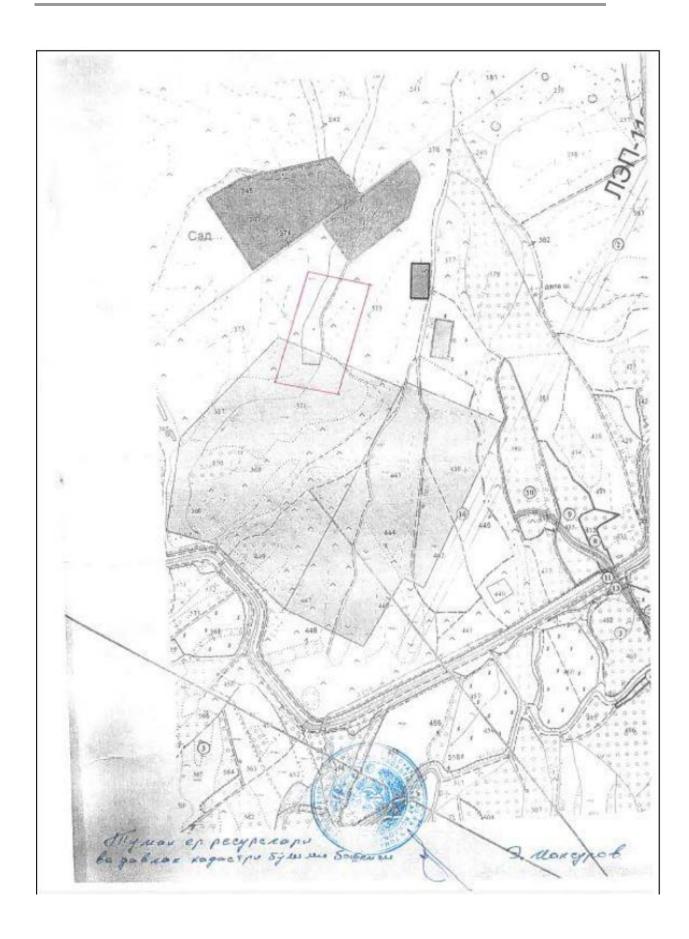


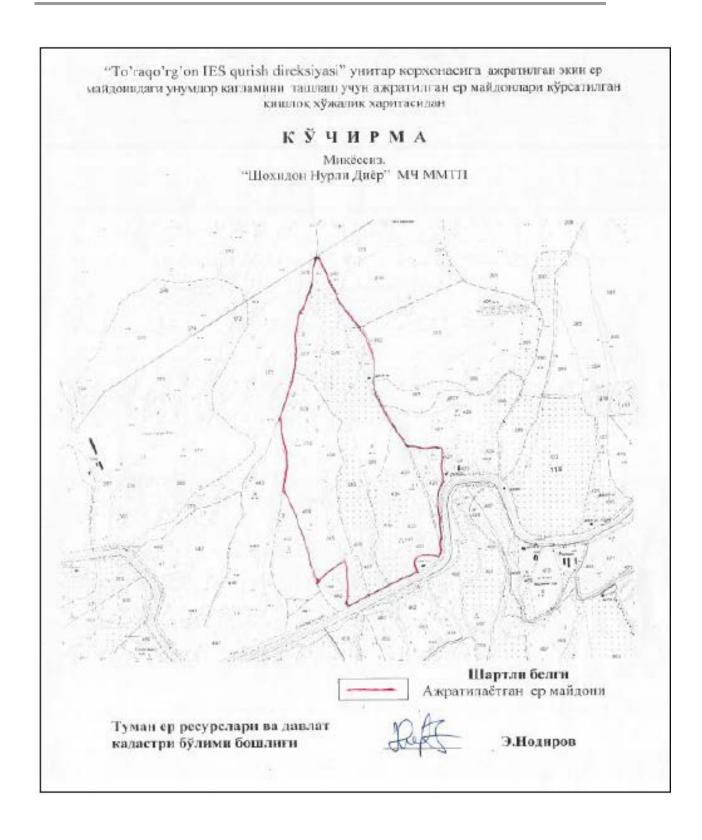
"To'raqo'rg'on IES qurish direksiyasi" унитар корхонасига Тўракўргон иссиклик электр станцияси курилиши учун ажратилган экин ер майдонидаги 30 сантиметр калинликдаги тупрок унумдорлиги жихатидан 36-37 баллга тенг бўлган тупрокнинг унумдор катлами ташиб берилиши кўрсатилган 238, 383, 237, 384, 385, 390, 386, 387-контурларидаги ер майдонларининг кишлок хўжалик каритасидан



Туман ер ресурслари ва давлат кадастри булими бошлиғи







(2) Operation phase: NOT DUE YET – COMMISSIONING PHASE IS ONGOING

(a) Air pollution

<Ambient air quality >

Location: The project site, residential area (Decision after detail design)

Regulation: Sanitary norms, rules and hygiene normative documents of the Republic of Uzbekistan. San Pin No.0015-94

Unit mg/m<sup>3</sup>

| Date | Item   | Measured Value   |                 |         | Uzbkistan<br>maximum permissible<br>concentration (MPC) |      | IFC/WB EHC<br>GuidelineGeneral;2007 |       |
|------|--------|------------------|-----------------|---------|---|------|-------------------------------------|-------|
|      |        | 30min<br>Min-Max | 24hr<br>Min-Max | Average | 30min   | 24hr | 1hr                                 | 1year |
|      | $NO_2$ |                  |                 |         | 0.085   | 0.06 | 0.2                                 | 0.04  |
|      | NO     |                  |                 |         | 0.6   | 0.25 | -                                   | -     |

<Exhaust gas > Location: Gas duct

Regulation: GOST 29328-92

| Parameter | Unit               | Min –Max | Excess period of the standard | GOST 29328-92 | IFC/ WB<br>EHC Guideline<br>(Thermal Power |
|-----------|--------------------|----------|-------------------------------|---------------|--|
|           |                    |          | the standard                  |               | Plant; 2008)                               |
| $NO_X$    | mg/Nm <sup>3</sup> |          |                               | 51            | 51   |

Note dry gas base,O<sub>2</sub>=15%

#### (b) Noise

Location: The project site, residential area (Decision after detail design)

Regulation: Protection from noise" (State committee of Uzbekistan for architecture and construction. Tashkent. 1996) (Norms for household construction)(KMK 2001.08-96)

Unit:dBA

|          |          |          |     |     |                  | IFC/ EHC         |
|----------|----------|----------|-----|-----|------------------|------------------|
| Date     | Location | Arramaga | Max | Min | Uzbekistan       | Guideline        |
| (Period) | Location | Average  | Max | Min | Noise standards  | (General; 2007)  |
|          |          |          |     |     |                  | residential area |
|          |          |          |     |     | Residential area | Residential area |
|          |          |          |     |     | Day: 55          | Day: 55          |
|          |          |          |     |     | Night: 45        | Night: 45        |

#### (c) Water quality

< Wastewater>

Location: Outlet of waste treatment facility

Regulation: Rules for protection of surface water from contamination by discharge water.(San Pin No.0056-98)

Sampling Date:

| Item        | Unit | Measured Value | Standard of the relevant country | IFC/WB EHS<br>Guidelines |
|-------------|------|----------------|----------------------------------|--------------------------|
| Temperature | °C   |                | -                                | -                        |
| pН          | -    |                | 6.5-8.5                          | 6.5-9.0                  |
| SS          | mg/L |                | 500                              | 50                       |

| Item                               | Unit | Measured Value | Standard of the relevant country | IFC/WB EHS Guidelines |
|------------------------------------|------|----------------|----------------------------------|-----------------------|
| DO                                 | mg/L |                | -                                | -                     |
| Oil and Grease                     | mg/L |                | 0.1                              | 10                    |
| Nitrites                           | mg/L |                | 3.3                              | -                     |
| Nitrates                           | mg/L |                | 45                               | -                     |
| Sulfates                           | mg/L |                | 500                              | -                     |
| Chloride                           | mg/L |                | 350                              | -                     |
| Calcium                            | mg/L |                | 487                              | -                     |
| Sodium                             | mg/L |                | 170                              | -                     |
| Potassium                          | mg/L |                | -                                | -                     |
| Phosphate                          | mg/L |                | 2.5                              | -                     |
| Fe                                 | mg/L |                | 5.0                              | 1.0                   |
| Magnesium                          | mg/L |                | 170                              | -                     |
| Residual chlorine                  | mg/L |                | -                                | 0.2                   |
| Chrome trivalent Chrome hexavalent | mg/L |                | 0.5 / 0.1                        | 0.5                   |
| Copper                             | mg/L |                | 1.0                              | 0.5                   |
| Zinc                               | mg/L |                | 1.0                              | 0.5                   |
| Lead                               | mg/L |                | 0.1                              | 0.5                   |
| Cadmium                            | mg/L |                | 0.1                              | 0.5                   |
| Mercury                            | mg/L |                | 0.01                             | 0.005                 |
| Arsenic                            | mg/L |                | 0.1                              | 0.5                   |

#### < Domestic wastewater>

Location: Discharge point of domestic wastewater

Regulation: Rules for protection of surface water from contamination by discharge water.(San Pin No.0056-98)

Sampling Date:

| Item                    | Unit      | Measured Value | Environmental standard in<br>Uzbekistan | IFC/ EHC Guideline<br>(General; 2007) |
|-------------------------|-----------|----------------|---|---------------------------------------|
| pН                      | _         |                | 6.5- 8.5                                | 6-9                                   |
| SS                      | mg/L      |                | 30                                      | 50                                    |
| Oil and Grease          | mg/L      |                | 0.05                                    | 10                                    |
| BOD                     | mg/L      |                | 3.0                                     | 30                                    |
| COD                     | mg/L      |                | -                                       | 125                                   |
| Total nitrogen          | mg/L      |                | -                                       | 10                                    |
| Total phosphorus        | mg/L      |                | -                                       | 2                                     |
| Total coliform bacteria | MPN/100mL |                | -                                       | 400                                   |

<River quality> Location: GCN

Regulation: Rules for protection of surface water from contamination by discharge water.(San Pin No.0056-98)

Sampling Date:

| z w.m.p.im.g z w.v. |           |                |  |  |  |  |  |
|---------------------|-----------|----------------|--|--|--|--|--|
| Item                | Unit      | Measured Value | Environmental standard in Uzbekistan           |  |  |  |  |
| pН                  | _         |                | 6.5- 8.5                                       |  |  |  |  |
| DO                  | mg/L      |                | Summer: 4.0 or higher<br>Winter: 6.0 or higher |  |  |  |  |
| BOD                 | $mgO_2/L$ |                | 3.0  |  |  |  |  |
| SS                  | mg/L      |                | 30   |  |  |  |  |
| Oil                 | mg/L      |                | 0.05   |  |  |  |  |

19

| Item      | Unit | Measured Value | Environmental standard in Uzbekistan |
|-----------|------|----------------|--------------------------------------|
| Ammonia   | mg/L |                | 0.08                                 |
| Nitrite   | mg/L |                | 0.08                                 |
| Nitrate   | mg/L |                | 40                                   |
| Sulfate   | mg/L |                | 100                                  |
| Phenol    | mg/L |                | 0.001                                |
| Chloride  | mg/L |                | 300                                  |
| Calcium   | mg/L |                | 180                                  |
| Sodium    | mg/L |                | 120                                  |
| Potassium | mg/L |                | 50                                   |
| Phosphate | mg/L |                | 0.01                                 |
| Fe        | mg/L |                | 0.5                                  |
| Cu        | mg/L |                | 0.001                                |
| Zn        | mg/L |                | 0.01                                 |
| Cr        | mg/L |                | 0.5                                  |
| Pb        | mg/L |                | 0.03                                 |

#### (d) Waste

Location: Project site and associated facilities

Regulation: RD 118,0027714.60-97 Nature protection. Treatment of waste from production and consumption. Terms and definitions. Goskompriroda of Uzbekistan. Tashkent. 1997.

Reporting Date;

|      | ,                  |                          |                                   |                                    |                                 |
|------|--------------------|--------------------------|-----------------------------------|------------------------------------|---------------------------------|
| Item | Hazardous<br>Class | Place of generated waste | Storage amount<br>(Unit: t or kg) | Disposal amount<br>(Unit: t or kg) | Disposal<br>method and<br>place |
|      |                    |                          |                                   |                                    |                                 |
|      |                    |                          |                                   |                                    |                                 |

#### (e) Labor and working conditions Location: Construction area

Reporting Date;

| Reporting D              | aic,            |          |        |           |         |
|--------------------------|-----------------|----------|--------|-----------|---------|
| Construction<br>Contents | Inspection Item | Contents | Status | Provision | Remarks |
|                          |                 |          |        |           |         |
|                          |                 |          |        |           |         |

#### (f) Grievances

Location: The project site

| Date | Name | Contents | Status | Results | Remarks |
|------|------|----------|--------|---------|---------|
|      |      |          |        |         |         |
|      |      |          |        |         |         |

## (g) Electric magnetic field (EMF) Location: Control room, electrical room

Reporting Date;

| Date | Location | Status | Provision | Remarks |
|------|----------|--------|-----------|---------|
|      |          |        |           |         |
|      |          |        |           |         |

#### II. Transmission Line & Substation: TO BE FILLED IN BY EMPLOYER

(1) Construction phase

(b) Air pollution

Location: The project site, residential area (Decision after detail design)

Regulation: Sanitary norms, rules and hygiene normative documents of the Republic of Uzbekistan. San Pin No.0015-94

Unit mg/m<sup>3</sup>

| Data | Itam   | N       | (30min) max | Uzbkistan<br>maximum | IFC/EHC                                 |                           |
|------|--------|---------|-------------|----------------------|---|---------------------------|
| Date | Item   | Average | Max         | Min                  | permissible<br>concentration<br>(30min) | Guideline<br>General;2007 |
|      | $NO_2$ |         |             |                      | 0.085                                   | 0.2(1hour)                |
|      | NO     |         |             |                      | 0.6                                     | -                         |
|      | Dust   |         |             |                      | -                                       | 0.15(24hours)             |

#### (c) Noise

Location: The project site, residential area (Decision after detail design)

Regulation: Protection from noise" (State committee of Uzbekistan for architecture and construction. Tashkent. 1996) (Norms for household construction)(KMK 2001.08-96)

Unit:dBA

| Date<br>(Period) | Location | Average | Max | Min | Uzbekistan<br>Noise standards            | IFC/ EHC Guideline<br>(General; 2007)<br>residential area |
|------------------|----------|---------|-----|-----|--|---|
|                  |          |         |     |     | Residential area<br>Day: 55<br>Night: 45 | Residential area<br>Day: 55<br>Night: 45                  |

#### (d) Waste

Location: Project site and associated facilities

Regulation: RD 118,0027714.60-97 Nature protection. Treatment of waste from production and consumption. Terms and definitions. Goskompriroda of Uzbekistan. Tashkent. 1997.

Reporting Date;

| reporting D | ace,      |                 |                 |                 |                 |
|-------------|-----------|-----------------|-----------------|-----------------|-----------------|
| Item        | Hazardous | Place of        | Storage amount  | Disposal amount | Disposal method |
| пеш         | Class     | generated waste | (Unit: t or kg) | (Unit: t or kg) | and place       |
|             |           |                 |                 |                 |                 |
|             |           |                 |                 |                 |                 |

(d) Geology and soil Location: Excavation site and soil storage

#### <Well, Excavation site>

| · · · · · · · · · · · · · · · · · · · | ation bites |        |   |           |         |
|---------------------------------------|-------------|--------|---|-----------|---------|
| Date                                  | Locations   | Status | Excavation<br>amount<br>(Unit: t or kg) | Provision | Remarks |
|                                       |             |        |   |           |         |
|                                       |             |        |   |           |         |

<Soil storage>

| Date | Locations | Status | Storage amount<br>(Unit: t or kg) | Provision | Remarks |
|------|-----------|--------|-----------------------------------|-----------|---------|
|      |           |        |                                   |           |         |
|      |           |        |                                   |           |         |

### (e) Labor and working condition Location: Construction area

Reporting Date:

|                          | ,               |          |        |           |         |
|--------------------------|-----------------|----------|--------|-----------|---------|
| Construction<br>Contents | Inspection Item | Contents | Status | Provision | Remarks |
|                          |                 |          |        |           |         |
|                          |                 |          |        |           |         |

#### (f) Grievance

Location: The project site

| Date | Name | Contents | Status | Results | Remarks |
|------|------|----------|--------|---------|---------|
|      |      |          |        |         |         |
|      |      |          |        |         |         |

#### Land Acquisition and Resettlement Monitoring Form

### Monitoring Form for Thermal Power Station

#### 0. Update of LARAP

|      | Date       | Main points of revision |
|------|------------|-------------------------|
| Marc | h 31, 2020 | No changes made         |

Notes: If LARAP is updated/revised, please fill in.

### 1. Compensation for land acquisition December 2016

|    |           |        | Agreement       | Date of compensation    |               |         |
|----|-----------|--------|-----------------|-------------------------|---------------|---------|
|    | Name      | Status | was<br>acquired | Land                    | Trees         | Remarks |
| 1  | Person 1  | legal  | Y               | Process is completed *1 | January 2015  |         |
| 2  | Person 2  | legal  | Y               | Process is completed *1 | January 2015  |         |
| 3  | Person 3  | legal  | Y               | Process is completed *1 | April 2015    |         |
| 4  | Person 4  | legal  | Y               | Process is completed *1 | January 2015  |         |
| 5  | Person 5  | NH     | Y               | Process is completed *2 | January 2015  |         |
| 6  | Person 6  | legal  | Y               | Process is completed *1 | January 2015  |         |
| 7  | Person 7  | NH     | Y               | Process is completed *2 | January 2015  |         |
| 8  | Person 8  | legal  | Y               | Process is completed *1 | January 2015  |         |
| 9  | Person 9  | NH     | Y               | Process is completed *2 | January 2015  |         |
| 10 | Person 10 | legal  | Y               | Process is completed *1 | January 2015  |         |
| 11 | Person 11 | legal  | Y               | Process is completed *1 | April2015     |         |
| 12 | Person 12 | NH     | Y               | Process is completed *2 | January 2015  |         |
| 13 | Person 13 | NH     | Y               | Process is completed *2 | February 2015 |         |
| 14 | Person 14 | legal  | Y               | Process is completed *1 | February 2015 |         |
| 15 | Person 15 | NH     | Y               | Process is              | January 2015  |         |

| _ |  |  |              |  |
|---|--|--|--------------|--|
|   |  |  | completed *2 |  |
|   |  |  |              |  |

Notes: "NH" means person who has no right for land use

#### 2. Grievances

Location: The project site Frequency: Regularly

| Date | Name | Contents      | Status         | Results | Remarks |
|------|------|---------------|----------------|---------|---------|
|      |      | There are not | any grievances |         |         |

#### 3. Livelihood Restoration

| Item                | Number of<br>Participants   | Contents | Remarks                   |  |  |  |
|---------------------|---|----------|---------------------------|--|--|--|
| Employment of PAPs* | Th - 1:1:1  | - d      | Standle and making starts |  |  |  |
| Job training        | The livelihood restoration plan will be conducted after the construction starts |          |                           |  |  |  |
| (Others if any)     |   |          |                           |  |  |  |

<sup>\*</sup>PAPs (Project-Affected Persons) of Land Acquisition

### Monitoring form for Transmission lines and Substation

#### 1. Compensation for land acquisition

#### (a) Transmission Line

(i) Land and Trees

December 2016

|     |           |       | Agreement    | Date of compensation |                         |              | Remarks |
|-----|-----------|-------|--------------|----------------------|-------------------------|--------------|---------|
|     | Name* St  |       | was acquired | Temporary Perman     |                         | anent        |         |
|     |           |       |              | Trees                | Land                    | Trees        |         |
| 1.  | Person 1  | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |
| 2.  | Person 2  | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |
| 3.  | Person 3  | NH    | Y            | January 2015         | Process is completed *2 | January 2015 |         |
| 4.  | Person 4  | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |
| 5.  | Person 5  | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |
| 6.  | Person 6  | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |
| 7.  | Person 7  | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |
| 8.  | Person 8  | legal | Y            | February2015         | Process is completed *1 | February2015 |         |
| 9.  | Person 9  | NH    | Y            | January 2015         | Process is completed *2 | January 2015 |         |
| 10. | Person 10 | NH    | Y            | January 2015         | Process is completed *2 | January 2015 |         |
| 11. | Person 11 | legal | Y            | January 2015         | Process is completed *1 | January 2015 |         |

| 12. | Person 12 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
|-----|-----------|-------|---|--------------|-------------------------|---------------|
| 13. | Person 13 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 14. | Person 14 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 15. | Person 15 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 16. | Person 16 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 17. | Person 17 | legal | Y | February2015 | Process is completed *1 | February 2015 |
| 18. | Person 18 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 19. | Person 19 | NH    | Y | January 2015 | Process is completed *2 | January 2015  |
| 20. | Person 20 | NH    | Y | January 2015 | Process is completed *2 | January 2015  |
| 21. | Person 21 | NH    | Y | February2015 | Process is completed *2 | February2015  |
| 22. | Person 22 | NH    | Y | January 2015 | Process is completed *2 | January 2015  |
| 23. | Person 23 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 24. | Person 24 | legal | Y | February2015 | Process is completed *1 | February 2015 |
| 25. | Person 25 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 26. | Person 26 | NH    | Y | January 2015 | Process is completed *2 | January 2015  |
| 27. | Person 27 | NH    | Y | February2015 | Process is completed *2 | February 2015 |
| 28. | Person 28 | legal | Y | February2015 | Process is completed *1 | February2015  |
| 29. | Person 29 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 30. | Person 30 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 31. | Person 31 | NH    | Y | January 2015 | Process is completed *2 | January 2015  |
| 32. | Person 32 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 33. | Person 33 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 34. | Person 34 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 35. | Person 35 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 36. | Person 36 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 37. | Person 37 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 38. | Person 38 | legal | Y | January 2015 | Process is completed *1 | January 2015  |
| 39. | Person 39 | legal | Y | January 2015 | Process is completed *1 | January 2015  |

| Person 40 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
|-----------|---|---|---|--|---|
| Person 41 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 42 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 43 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 44 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 45 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 46 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 47 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 48 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 49 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 50 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 51 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 52 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 53 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 54 | legal   | Y   | February2015  | Process is completed *1  | February 2015   |
| Person 55 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 56 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 57 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 58 | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
| Person 59 | NH  | Y   | February2015  | Process is completed *2  | February 2015   |
| Person 60 | NH  | Y   | February2015  | Process is completed *2  | February 2015   |
| Person61  | legal   | Y   | January 2015  | Process is completed *1  | February 2015   |
| Person62  | legal   | Y   | January 2015  | Process is completed *1  | January 2015  |
|           | Person 41 Person 42 Person 43 Person 44 Person 45 Person 46 Person 47 Person 48 Person 49 Person 50 Person 51 Person 52 Person 53 Person 54 Person 55 Person 56 Person 57 Person 58 Person 59 Person 60 Person 61 | Person 41 legal Person 42 legal Person 43 legal Person 44 legal Person 45 legal Person 46 legal Person 47 legal Person 48 legal Person 49 legal Person 50 legal Person 51 legal Person 52 legal Person 53 legal Person 54 legal Person 55 legal Person 56 legal Person 57 legal Person 58 legal Person 59 NH Person 60 NH Person 61 legal | Person 41         legal         Y           Person 42         legal         Y           Person 43         legal         Y           Person 44         legal         Y           Person 45         legal         Y           Person 46         legal         Y           Person 47         legal         Y           Person 48         legal         Y           Person 49         legal         Y           Person 50         legal         Y           Person 51         legal         Y           Person 52         legal         Y           Person 53         legal         Y           Person 54         legal         Y           Person 55         legal         Y           Person 56         legal         Y           Person 57         legal         Y           Person 58         legal         Y           Person 59         NH         Y           Person 60         NH         Y           Person 61         legal         Y | Person 41         legal         Y         January 2015           Person 42         legal         Y         February2015           Person 43         legal         Y         January 2015           Person 44         legal         Y         February2015           Person 45         legal         Y         February2015           Person 46         legal         Y         February2015           Person 47         legal         Y         February2015           Person 48         legal         Y         February2015           Person 49         legal         Y         February2015           Person 50         legal         Y         February2015           Person 51         legal         Y         February2015           Person 52         legal         Y         February2015           Person 53         legal         Y         February2015           Person 54         legal         Y         February2015           Person 55         legal         Y         January 2015           Person 56         legal         Y         January 2015           Person 57         legal         Y         January 2015           Person 59 | Person 40 legal Y January 2015 completed *1 Person 41 legal Y January 2015 completed *1 Person 42 legal Y February 2015 Process is completed *1 Person 43 legal Y January 2015 Process is completed *1 Person 44 legal Y February 2015 Process is completed *1 Person 45 legal Y January 2015 Process is completed *1 Person 46 legal Y February 2015 Process is completed *1 Person 47 legal Y February 2015 Process is completed *1 Person 48 legal Y February 2015 Process is completed *1 Person 49 legal Y February 2015 Process is completed *1 Person 50 legal Y February 2015 Process is completed *1 Person 51 legal Y February 2015 Process is completed *1 Person 52 legal Y February 2015 Process is completed *1 Person 53 legal Y January 2015 Process is completed *1 Person 54 legal Y February 2015 Process is completed *1 Person 55 legal Y January 2015 Process is completed *1 Person 56 legal Y January 2015 Process is completed *1 Person 57 legal Y January 2015 Process is completed *1 Person 58 legal Y January 2015 Process is completed *1 Person 59 NH Y February 2015 Process is completed *1 Person 60 NH Y February 2015 Process is completed *1 Person 60 NH Y February 2015 Process is completed *1 Person 60 NH Y February 2015 Process is completed *1 Person 60 NH Y February 2015 Process is completed *1 Person 60 NH Y February 2015 Process is completed *1 Person 60 NH Y February 2015 Process is completed *2 Process is completed *1 |

Notes: 1. Except the lands "owned by District Khokimiyats"

<sup>2. &</sup>quot;HH" means "household"

<sup>3 &</sup>quot;AC" means "agricultural company"

<sup>4.&</sup>quot;NH" means person who has no right for land use

#### (ii) Land and structure

December 2016

| December 2010 |                  |               |                      |               |          |
|---------------|------------------|---------------|----------------------|---------------|----------|
| Nome          | Status Agreement |               | Date of compensation |               | Domoules |
| Name          | Status           | was acquired. | Land                 | Structure     | Remarks  |
| Danson 1      | Local            | V             | 02/October/2014.     | January 2015  |          |
| Person 1      | Legal            | Y             | 0.06 ha              |               |          |
| Danson 2      | Local            | Y             | Process is           | February 2015 |          |
| Person 2      | Legal            | 1             | completed *1         |               |          |
| Person 3      | Legal            | Y             | Process is           | January 2015  |          |
|               | Degui            | _             | completed *1         | Junuary 2015  |          |
| Person 4      | Lagal            | Y             | Process is           | January 2015  |          |
| 1 618011 4    | Legal            | 1             | completed *1         |               |          |

#### (b) Kyzyl-Ravat Substation

December 2016

| December 2010 |        |               |                            |              |         |  |
|---------------|--------|---------------|----------------------------|--------------|---------|--|
|               |        | Agreement     | ement Date of compensation |              |         |  |
| Name          | Status | was acquired. | Land                       | Trees        | Remarks |  |
| Persons 1     | Legal  | Y             | Process is completed *1    | January 2015 |         |  |

Notes: Except the lands "owned by District Khokimiyats"

#### 2. Grievance

Location: The project site Frequency: Regularly

|              | Contents        | Name | Date |
|--------------|-----------------|------|------|
| v grievances | There are not a |      |      |
| y grievances | There are not a |      |      |

#### 3. Livelihood Restoration

| Item                         | Number of<br>Participants | Contents                                   | Remarks                       |
|------------------------------|---------------------------|--|-------------------------------|
| Employment of PAPs*          | Th - 1:1:h -              | ad markamaki an mlam asill ba a an da akai |                               |
| Job training (Others if any) | The fivenno               | od restoration plan will be conducted      | after the construction starts |

<sup>\*</sup>PAPs (Project-Affected Persons) of Land Acquisition

- \*1 Uzbekenergo made announcement in the local and regional newspaper on May 8<sup>th</sup> 2015 that Uzbekenergo will accept the final objections and complains on land allocation by 15:00 June 5th, 2015. As there were no objections and complain by that time, the all procedures for land acquisition were officially completed.
- \*2. Uzbekenergo had no obligation to provide any compensation by the Law of the Republic of Uzbekistan for the persons defined as "person who has no right for land use (indicated in the table as "NH"), however as a good will they agreed to compensate (and provided actually compensation) for trees and expressed readiness to consider application for land allocation. Since no objections and complain were received by 15:00 June 5th 2015 (deadline set by the announcement in newspaper) all procedures for land acquisition were officially completed.