



TRANSMISSION GRID STRENGTHENING PROJECT

CONSTRUCTION OF AKHALTSIKHE-BATUMI 220kV DOUBLE CIRCUIT POWER TRANSMISSION LINE

RESETTLEMENT ACTION PLAN

**Segment I – Section 1: km 0 - km 30.8
(From Portal Tower, Akhaltsikhe 220kV
Switchyard – to Angle Pole 29/1)**

CURRENCY EQUIVALENTS

(as of 6 July 2015)

Currency Unit	–	lari (GEL)
\$1.00	=	GEL 2.31

ABBREVIATIONS

ACS	–	acquisition and compensation scheme
CSC	–	construction supervision consultant
AH	–	affected household
AP	–	Affected Person
CBO	–	community based organization
DMS	–	detailed measurement survey
GSE	–	Georgian State Electrosystem
GoG	–	Government of Georgia
GRC	–	grievance redress committee
IA	–	implementing agency
IFI	-	International Financial Institution
IP	–	indigenous peoples
EMA	–	external monitoring agency
km	–	Kilometre
LAR	–	land acquisition and resettlement
LARC	–	land acquisition and resettlement commission
LARF	–	land acquisition and resettlement framework
RAP	–	Resettlement action plan
M&E	–	monitoring and evaluation
MFF	–	multitranche financing facility
MOF	–	Ministry of Finance
MPR	–	monthly progress report
MRDI	–	Ministry of Regional Development and Infrastructure
NAPR	–	National Agency of Public Registry
NGO	–	non-governmental organization
OHL	–	Over Head Line
PAP	–	Project Affected People
PEMI	–	persons experiencing major impact
PFR	–	periodic financing request
PPR	–	project progress report
PPTA	–	project preparatory technical assistance
PRRC	–	Property Rights Recognition Commission
R&R	–	resettlement and rehabilitation
RMT	–	Resettlement Management Team
RoW	–	right of way
SSC	–	Social Safeguards Consultant
SES	–	socioeconomic survey
SPS	–	safeguard policy statement
WB	-	World Bank

NOTE

In this report, —\$ll refers to US dollars.

Table of Contents

I.	INTRODUCTION.....	5
II.	CENSUS AND IMPACT ASSESSMENT	11
III.	SOCIO-ECONOMIC INFORMATION	29
IV.	LEGAL AND POLICY FRAMEWORK.....	36
V.	INSTITUTIONAL ARRANGEMENTS.....	50
VI.	CONSULTATION, AND PARTICIPATION.....	58
VII.	GRIEVANCE REDRESS MECHANISM	61
VIII.	IMPLEMENTATION SCHEDULE.....	65
IX.	COSTS AND FINANCING	70
X.	MONITORING AND REPORTING.....	82

List of Figures

FIGURE 1.1 ENTIRE ALLIGNMENT OF AKHALTSIKHE_BATUMI OHL.....	7
FIGURE 1.2.PROJECT SUBSECTION OF THE AKHALTSIKHE_BATUMI OHL	16
FIGURE 5.1 LAR ORGANIZATION CHART	65
FIGURE 7.1 GRIEVANCE RESOLUTION AND ACQUISITION PROCESS.....	72

Annexes

- Annex 1 Valuation Methodology**
- Annex 2 Information Leaflet**
- Annex 3 Minutes of public consultation**

GLOSSARY

Compensation: Payment in cash or in kind of the replacement cost of the acquired assets and aimed at allowing for the improvement, or at least restoration, of the lost asset, living conditions and livelihoods.

Entitlement: Range of measures comprising compensation, income restoration, transfer assistance, income substitution, and relocation which are due to affected people, depending on the nature of their losses, to restore their economic and social base.

Improvements: Structures constructed (dwelling unit, fence, waiting sheds, animal pens, utilities, community facilities, stores, warehouses, etc.) and crops/plants planted by the person, household, institution, or organization.

Land Acquisition: The process whereby a person is compelled by a government agency to alienate all or part of the land a person owns or possesses to the ownership and possession of the government agency for public purpose in return for a consideration.

Affected People (AP): Individuals affected by Project-related impacts.

Affected Household (AH): All members of a household residing under one roof and operating as a single economic unit, who are adversely affected by the Project. It may consist of a single nuclear family or an extended family group.

Cut-off date—Start date of the census and assets inventory of persons affected by the project. Persons occupying the project area after the cutoff date are not eligible for compensation and/or resettlement assistance. Similarly, fixed assets (such as built structures, crops, fruit trees, and woodlots) established after the date of completion of the assets inventory, or an alternative mutually agreed on date, will not be compensated.

Rehabilitation: Compensatory measures provided under the Policy Framework on involuntary resettlement other than payment of the replacement cost of acquired assets.

Relocation: The physical relocation of a AP/AH from her/his pre-Project place of residence.

Replacement Cost: The calculation of replacement costs of land and structures will be based on (i) fair market value at the time of dispossession, (ii) transaction/legalization costs, other taxes and fees (iii) transitional and restoration (land preparation and reconstruction) costs, and

(v) other applicable payments. The value determined to be fair compensation for land based on its productive potential and location. The replacement cost of houses and structures (current fair market price of building materials and labour without depreciation or deductions for salvaged building material), and the market value of residential land, crops, trees, and other commodities.

Resettlement: All measures taken to mitigate any and all adverse impacts of the Project on AP's property and/or livelihood, including compensation, relocation (where relevant), and rehabilitation of the damaged/removed infrastructure and installations. The objective is to improve, or at least restore the livelihood and living conditions of people affected by project-related land acquisition.

Sakrebulo: This is the representative body of local self-government. The middle level of local government consists of 67 rayons (districts) and six cities in Georgia: Tbilisi, Kutaisi, Rustavi, Poti, Batumi and Sukhumi. The representative branch of rayon level is the rayon level Local Councils (Rayon Sakrebulo) and the executive branch is represented by Rayon Gamgeoba (Gamgebeli). The self-government level consists of settlements (self-governed cities) or groups

of settlements (municipalities). Settlements could be villages, small towns (minimum 3,000 inhabitants) and cities (minimum 5,000 inhabitants). The representative and executive branches of self-government are represented accordingly by Local Council (Sakrebulo) and the Gamgebeli of municipal level. The exclusive responsibilities of self-government include land-use and territorial planning, zoning, construction permits and supervision, housing, and communal infrastructure development.

Vulnerable groups—People who by virtue of gender, ethnicity, age, physical or mental disability, economic disadvantage, or social status may be more adversely affected by resettlement than others and who may be limited in their ability to claim or take advantage of resettlement assistance and related development benefits.

1. INTRODUCTION

1.1 Project Background

1. The Government of Georgia, acting through its Ministry of Energy and the Georgian State Electrosystem (GSE), would like to strengthen grid access for South Western Georgia by constructing a 220 kV double circuit overhead power transmission line connecting the sub stations in Akhaltsikhe and Batumi. The new transmission line will ensure more stable electricity supply in the region, reducing outages and enable GSE to meet the growing demand for electricity, as well as enhance export opportunities. The new transmission line will also allow the hydropower projects on the Adjaristsqali River, the 178 MW Shuakhevi project and the 150 MW Koromkheti project, developed by Adjaristsqali Georgia LLC to be connected to the grid.

2. Adjaristsqali Georgia LLC (AGL), is a special purpose vehicle/company set up by CEI for the development of the Adjaristsqali Hydropower Cascade after Clean Energy Invest AS (CEI, Norway), through competitive tender was awarded the rights to develop the hydropower potential of the Adjaristsqali River and its tributaries in the Autonomous Republic of Adjara. The company AGL, developing the Adjaristsqali cascade, is presently owned by Clean Energy Invest AS (Norway), Tata Power International (India) and InfraVentures (IFC, a member of the World Bank Group). Considering that AGL will benefit from the construction of the transmission line, the company has agreed with GSE and the Georgian Government to fund the development of the engineering and environmental studies required for the construction of the 220kV Akhaltsikhe-Batumi Project, whereas the construction works are planned to be funded by the World Bank. The Mott MacDonald Ltd (UK) has been assigned to undertake the engineering design for the transmission line, DG Consulting (Georgia) has been assigned to conduct the Environmental Social Impact Assessment (ESIA) by AGL.

3. GSE will be responsible for the construction and operations of the 220 kV transmission line and will own the line. GSE will also be responsible for land acquisition. AGL is responsible for preparation of the Resettlement Action Plan (RAP). DG Consulting with ACT have been assigned to conduct Resettlement Action Plan (RAP) studies by AGL. GSE is assisting AGL in preparing RAP, providing certified valuator for valuing affected assets and facilitating cooperation of the AGL team with the local governments and governmental entities. AGL's responsibility for developing the Project will end when the technical and environmental studies are approved by GSE.

4. The 220 kV overhead transmission line will start from existing Akhaltsikhe 500/400kV Back to Back substation and will connect to existing Batumi 220kV substation (see.fig.1). The total length of the line is approximately 150 km and shall be a double-circuit line with AAAC conductors, OPGW and earth wire. The proposed OHL will be connected with substations at Shuakhevi and Koromkheti hydropower plants which are currently under construction and possibly connected to Beshumi ski resort substation after its modification. The Akhaltsikhe- Shaukhevi segment (Segment 1) of the line will be constructed in the second phase after the construction of Shaukhevi-Batumi segment (Segment 2) as a first priority. The Akhaltsikhe- Shaukhevi segment with 89.96 km length section of the OHL will be constructed covering Akhaltsikhe, Adigeni, Beshumi, Khulo and Shuakhevi Municipalities. This 89.96 km section is divided into 3 subsections (see fig.2)

- **Subsection 1** – km 0 - km 30.8 (From Portal Tower, Akhaltsikhe 220kV Switchyard – to Angle Pole 29/1)
- **Subsection 2** – km 30.8- km 57.91 (From Angle Pole 29/1 – to Angle Pole 40 with the use of existing 11.96 km section, construction of parallel 11.96 km 110kV line)
- **Subsection 3** – km 57.91- km 89.96 (From Angle Pole 40– to Angle Pole 78)

This RAP is related only to Segment I, Subsection 1: km 0 - km 30.8 (From Portal Tower, Akhaltsikhe 220kV Switchyard – to Angle Pole 29/1). Additional RAPs for Subsections 2 and 3 of Segment I will be developed as required.

Fig. 1.1 Entire alignment of the 220kV OHL from Akhaltsikhe 500/400kV Back to Back substation to Batumi 220kV substation

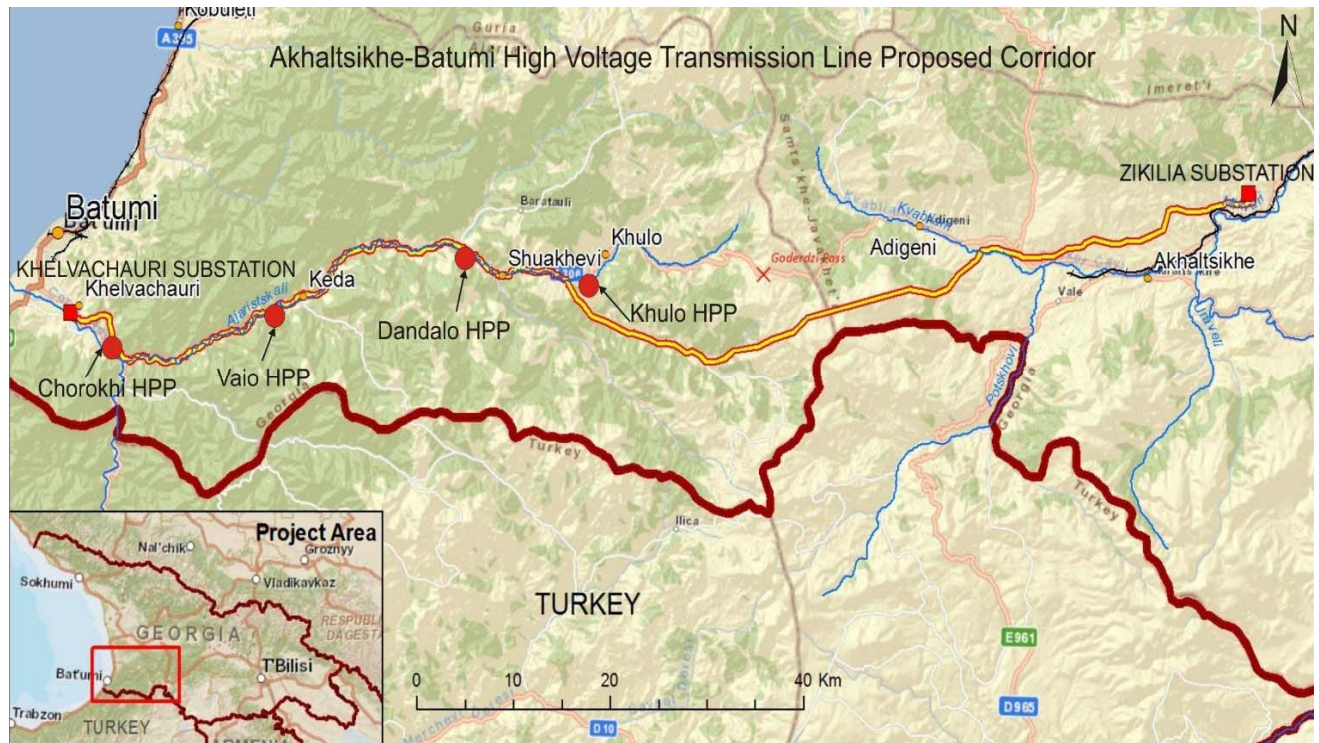
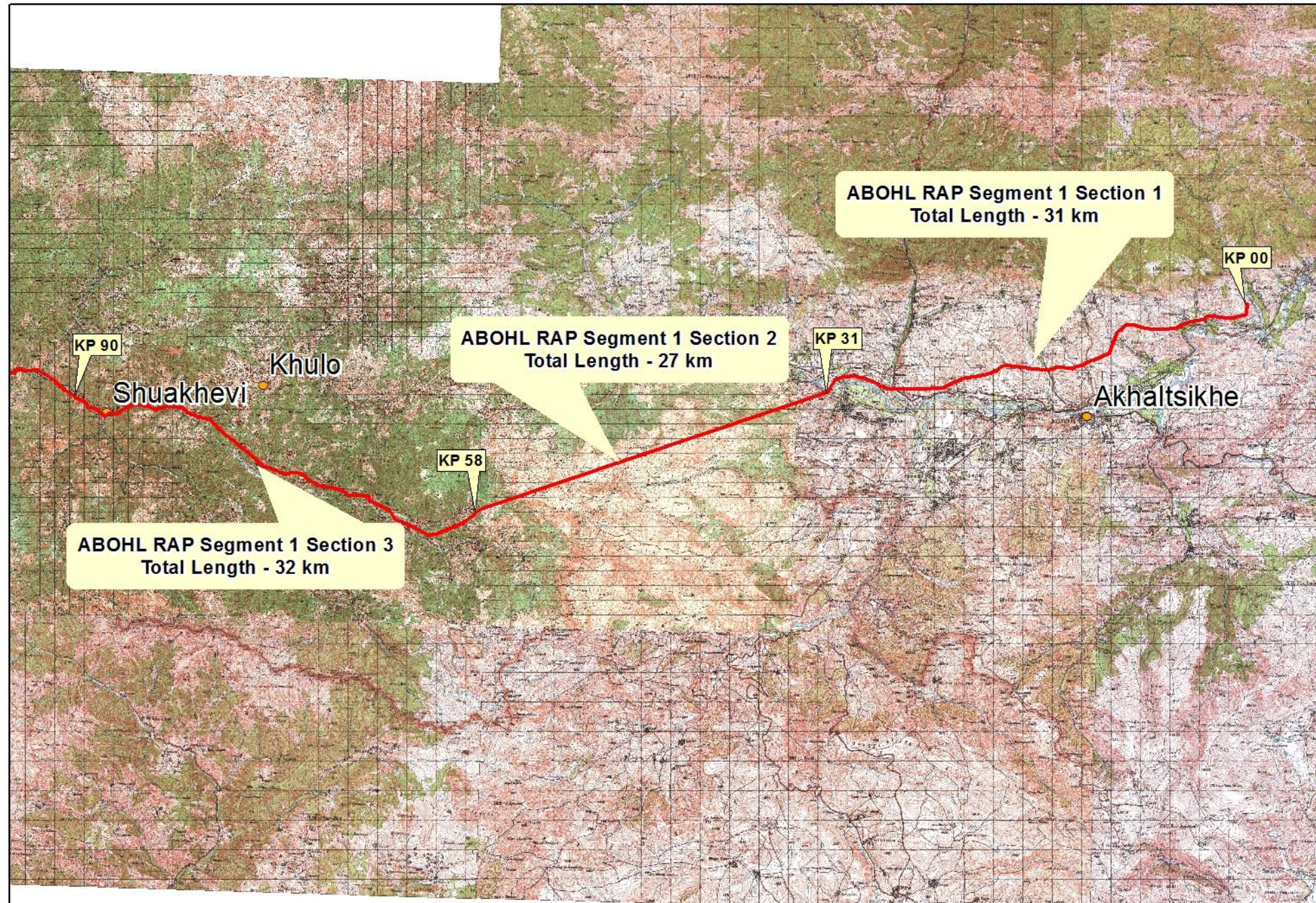


Fig.1.2. Subsections 1, 2 and 3. Subsection 1: km 0 - km 30.8 (From Portal Tower, Akhaltsikhe 220kV Switchyard – to Angle Pole 29/1) is pertinent to the present RAP



5. In all land impacts amount to some **651,443** sq.m of land from **572** plots (see table 2.1 for details). This includes land plots affected permanently and partially. In terms of tenure and legal status the affected land plots are distributed in accordance with the following legal categories: **Category 1.** titled private land plots with full and valid registration. In this RAP there are **78** land plots (**153,450** sq.m.) among the affected parcels, out of which **12** land plots (**10, 913** sq.m.) are subject to permanent land take and **75** land plots (**142, 537** sq.m.) are subject to partial impact (some plots will be registered further as 2 separate land plot : 1 is subject for acquisition and the other part is subject for compensation by servitude agreement, as it falls within the RoW). **Category 2.** This category includes land plots, which have been distributed during the land reform and the owners have transfer/acceptance act¹ or other “ownership right establishing” documents, but have not registered their ownership right in NAPR. These land plots are legalizable and are subject for compensation. **494** of category **2** land plots of **497,993** sq.m, are affected by the project. Out of this total amount **41** land plots (**5125** sq.m.) are affected permanently and will be purchased by project and **494** land plots (**492,868** sq.m.) are partially affected and will be compensated according to the easment agreement. **Category 3.** State owned land plots used by the private users (squaters) illegally. At this section of the Transmission line we do not have cases of category 3. **Category 4.** State owned land plots not used by the private users- at this section of the Transmission line we do not have cases of category 4.
6. Given the magnitude of impacts (in total there are **459** AHs, including **10** severely affected, **50** vulnerable and **3** physically displaced households), preparation of full scale RAP is required.

1.2 The Impacts Corridor

7. The width of the OHL corridor is defined following the standards set up in the Presidential Decree #964 (dated 27 December 2009) —On the Protection Procedures for Electricity Grid Linear Facilities and Determination of its Protective Zones¹¹. This document sets/regulates the procedures for the protection of power lines including the parameters (area, distances, width, clearances) of the protective zones, access roads, RoWs in forests and other treed/vegetated areas, conditions for locating/constructing buildings (other facilities) and conducting works in these protective areas. The document is based on Law of Georgia —On Normative Acts¹¹ (Clause 18, paragraph 2) and its objective is to facilitate the uninterrupted functioning of the power grid, to ensure safe operations, to meet the requirements of the sanitary and safety norms, to prevent accidents. According to Clause 3.1.a.a.b., the width of the protective zone for the 220kV OHL RoW is 25m from the edge conductors on each side (technically more precisely - from the parallel projection of the edge conductors to the land surface). Clause 3.2 a.b.a. regulates the tree felling/clearing width in forests, forested areas and parks – which is distance between edge conductors plus distance equal to maximum height of forest trees in that particular area, to the both sides of the line. Other clauses of the Decree regulate distances to water bodies, buildings in settlements, motor roads, other OHLs, restrictions for building/construction development, planting/agriculture, other works/activities within sanitary zones, safety requirements, etc.

¹ The Acceptance Act is a ownership right establishing document provided by the Government to the owner during the land reform

8. Within the Shuakhevi-Akhaltiskhe power transmission line corridor (The width safety corridor is taken as 62m) it is prohibited to plant trees or construct structures and buildings, but other agricultural activities such as crops and grazing are allowed. The existing structures should be demolished and the existing trees removed. The land plots intended for installation of towers are subject for permanent land acquisition. The area of land for installing towers depends on a type of tower and varies from 169 sq.m. to 529 sq.m. The land plots with residential houses, in case if the residential houses fall inside the safety corridor and should be demolished, also will be acquired entirely. The rest land falling within the safety corridor and imposed to only partial impacts (limitation of land use), will remain in a possession of the owners, however the affected owners will be compensated for imposed restrictions according to easement (servitude) agreement.

1.3 Minimizing Land Acquisition and Resettlement

9. Due considerations have been given during the design of the OHL alignment and towers layout to minimize the adverse impacts of land acquisition and involuntary resettlement. Efforts have been put to incorporate best engineering solution in avoiding large scale land acquisition and resettlement. Following are the specific measures adopted for the selection of the route:

- (i) The short sections of the designed OHL still required improvement of geometric characteristics and may still involve some minor realignment, in order to avoid risks of triggering landslides and indirect impacts on residential houses; The final decision in that regard will be taken at the Detailed Design stage, based on the results of additional comprehensive geological studies in the area of concern. The RAP will be adjusted, as needed, based on any changes to the alignment.
- (ii) Tower locations have been designed to avoid resettlement as much as possible
- (iii) Designs of OHL alignment has been reviewed by resettlement specialists and their recommendations were considered in the final design.

1.4 RAP Preparation

10. The present RAP for Akhaltiskhe-Batumi 220kV OHL (Segment 1, Subsection 1) is based on DMS (Detailed measurement survey), census and socio economic survey which were conducted in May 2015. The RAP includes (i) description of impacts and AP figures reflecting current design (basic design); (ii) schedule for land acquisition and implementation of RAP (iii) corresponding LAR budget; and (iv) loss and entitlement profile for individual owners of land plots and APs. Preparation of this RAP entailed intensive consultations with the stakeholders, especially the APs and their community were conducted to understand the extent of impact and validate the severity and compensation measures. The assessment of losses and land acquisition is based on the basic engineering design as part of the design study.

1.5 Pending RAP Implementation Tasks

11. Current RAP is subject to changes and updates. This RAP will be reviewed and approved by the Government and WB. General principles will be agreed at this stage. However, the RAP will be updated after finalization of the Detailed Design for this subsection by the Contractor, under supervision by GSE, who will be engaged through Design and Build Contract. During this RAP approval the principle and procedure for legalization of the land owners using their agricultural land plots based on —traditional right will be established through the special Decree of the Government. In parallel, GSE will sign preliminary agreement with all affected households included in the RAP². Finally, this will enable to gain time needed for land

² Preliminary agreement is signed by the head of HH only. The final sales and purchase agreement is signed by head of HH and other members will issue Notarized Consent.

acquisition, as no major changes are expected at the Detailed Design stage.

12. The RAP finances will be allocated upon completion and approval of the RAP by the Government and WB. Prior to the distribution of RAP compensation to the APs the legalization of legalizable plots according to Governmental Decree will be finalized and all APs will sign a contract agreement indicating that they accept the compensation provided to them. Where the borrower has offered to pay compensation to an affected person in accordance with the approved RAP, but the offer is rejected by the AP, the case will be passed to the appropriate court to initiate expropriation proceedings. The taking of land and related assets may only proceed if the borrower has deposited funds equal to the offered amount in a secure form of Escrow accounts will also be established for absentee APs.

1.6 Conditions for Project Implementation

13. Based on the WB policy/practice, the approval of project implementation will be based on the following RAP-related conditions:

- (i) **Signing of Contract Award:** Conditional to the approval of the RAP by WB and Government. RAP reflects impacts, final AP lists and compensation rates at replacement cost approved by GSE.
- (ii) **Notice to Proceed to Contractors:** Conditional to the full implementation of RAP- (legalization of legalizable owners, and full delivery of compensation and rehabilitation allowances).

2. CENSUS AND IMPACT ASSESSMENT

2.1 Introduction

14. This impacts assessment details loss of land, structures and other assets in the km 0 - km 30.8 section of Akhaltsikhe – Batumi 220 kV Power Transmission Line (Segment 1, subsection 1) in Akhaltsikhe Municipality of Georgia. Compensation and rehabilitation measures have been worked out based on these impacts. A detailed inventory¹ of all the impacts has been done following the final draft alignment of the transmission line corridor (km 0 - km 30.8) and tower locations. It is acknowledged by all stakeholders, that minor changes of alignment or location and positioning of several towers may change at the detailed design stage and relevant update of the RAP will be required.

15. Digitized cadastral maps were collected from the NAPR and updated according to actual field survey. The final transmission RoW alignment and tower layout was superimposed on the digitized cadastral maps and land survey using DGPS was conducted on site to identify the affected land parcels, demarcation of land parcels including correction in geometric details and quantification of land parcels including affected part. With the cadastral details from land survey, detail measurement survey (DMS) and AP Census were undertaken. These surveys were conducted on 6 May 2015 till 31 May 2015. Additionally, a socioeconomic survey (SES) of households was carried out in the project affected areas in order to understand the socio-economic condition of the affected population. The start date of the DMS and the AP census survey is considered as the compensation eligibility cut-off date for the project which is therefore 6 May 2015.

2.2 Impact on Land, Other Assets and Income

2.2.1 General Classification of affected land

16. The impacts on land have been distinguished as a permanent impact (permanent land take) and partial impact, which means that the land is not taken and is left in a possession of the private owner, however certain limitations are imposed on the mentioned land plots in terms of admissible land use. The limitations comprise prohibition of growing tall trees (higher than 4m) within the RoW and prohibition of existence of structures and buildings in the RoW². Permanent impact is related to the land plots where towers will be located or to the land plots, on which the residential houses are situated. It is obvious, that the land plots needed for erection of towers needs to be acquired. In relation with the land plots with residential houses the situation is as follows: as all the structures within the RoW, including residential houses, should be demolished, the mentioned land plots lose their value as a residential land and the AHs should be relocated at the new site of residence. The land plots and affected structures will be compensated at full replacement cost and this land will be permanently acquired by the project,

¹ There were approximately 12AHs who refused to participate in the DMS survey and did not allow the surveyors to enter their land and conduct measurements. Thus these 12 households are not included in the calculations. No residential houses or other structures are located on the mentioned land plots and most of them are used only for cultivation of annual crops. Just few fruit trees are grown on some of these land plots. The decision has been taken to wait till the DD stage and try to avoid the mentioned plots during the route refinement. In case if the land plots are still affected, the final RAP will include compensations for those plots and the DMS will be conducted under the Eminent-Domain legislation.

² The Decree No 366 of the Government of Georgia of 24.12.2013 about protection rules and protection zones of the Electric Transmission Lines Linear Facilities

as well as the land plots under the towers. The land plots without residential houses, which are located within the RoW between the towers, do not need to be acquired by the project. These land plots will remain in the ownership of AHs, however the AHs will be compensated for the partial impact (limitations on land use) through the Easement Agreement. The cost to be paid as a compensation for partial impact should reflect the loss of real estate value of the affected land plots due to the imposed limitations.

17. In all land impacts amount to some **651,443** sq.m of land from **572** plots (see table 2.1 for details). This includes land plots affected permanently and partially.

18. In all land impacts amount to some **651,443** sq.m of land from **572 (622)** plots (see table 2.1 for details). This includes land plots affected permanently and partially. In terms of tenure and legal status the affected land plots are distributed in accordance with the following legal categories: **Category 1.** titled private land plots with full and valid registration. In this RAP there are **78 (87)** land plots (**153,450 sq.m.**) among the affected parcels, out of which **12** land plots (**10, 913 sq.m.**) are subject to permanent land take and **75** land plots (**142, 537 sq.m.**) are subject to partial impact (some plots will be registered further as 2 separate land plot : 1 is subject for acquisition and the other part is subject for compensation by servitude agreement, as it falls within the RoW). **Category 2.** This category includes land plots, which have been distributed during the land reform and the owners have transfer/acceptance act³ or other “ownership right establishing” documents, but have not registered their ownership right in NAPR. These land plots are legalizable and are subject for compensation. **494 (535)** of category 2 land plots of **497,993 sq.m.** are affected by the project. Out of this total amount **41** land plots (**5125 sq.m.**) are affected permanently and will be purchased by project and **494** land plots (**492,868 sq.m.**) are partially affected and will be compensated according to the easment agreement. **Category 3.** State owned land plots used by the private users (squaters) illegally - Section 1 does not have any plots under this category. **Category 4.** State owned land plots not used by the private users- Section 1 does not have any plots under this category.

19. The land costs and compensation categories within the project area are determined by the land use factor and distance from the existing road. Figures on Land impacts are provided in accordance to the land classification and legal categories that are relevant to determine compensation rates and amounts due to their use modalities and location. The affected land has been classified in 5 main types:

- **Type 1.** Agricultural and non agricultural land plots, used as homestead. Cost of 1 m² of Type 1 land is 3 GEL (easement price – 1.5 GEL). 4 land plots of type 1 are under the permanent impact (9860 sq.m to be acquired) and 40 land plots fall within the RoW between towers (partial impact) and will be compensated through the easement agreement (37,277 sq.m). Some land plots are imposed at the same time to permanent and partial impact; land plots will be divided into two parts: one part to be taken permanently and the other part to be subject to partial impact.
- **Type 2.** Agricultural land plots, used for annual and perennial agricultural crops. Cost of 1 m² of Type 2 land is 1.50 GEL (easement price – 0.23 GEL). 49 land plots of type 2 are under the permanent impact (6178 sq.m to be acquired) and 529 land plots fall within the RoW between towers (partial impact) and will be compensated through the easement agreement (598,178 sq.m).
- **Type 3.** Agricultural, - Land plots formally attributed to agricultural type but not used for cultivation (pastures, hay lands and land not suitable for agricultural production). Cost of 1 m² of type 3 land is 0.75 GEL (easement price – 0.11 GEL). No land plots of type 3 are registered in scopes of current RAP.
- **Type 4.** State owned land plots used by the private users (squaters) illegally. At this section of the Transmission there are no lands of type 4.

³ The Acceptance Act is a ownership right establishing document provided by the Government to the owner during the land reform

- **Type 5.** State owned land plots not used by the private users- at this section of the Transmission line we do not have cases of Type 5.

20. The easement price for type 1, 2 and 3 land is derived as a difference between the market cost of this type of land currently and after imposing restrictions. In case of agricultural land used as residential (type 1) the imposed restrictions on existence of structures in fact result in changing status of the land from type 1 to type 2. Accordingly the price of land changes from 3 Gel to 1.5 Gel. The difference is 50% of the initial cost. For the agricultural land plots of type 2 and 3 imposed restrictions are not tangible: They lose not more than 15% of initial market value due to partial restriction on growing tall trees (higher than 4m).

21. The aggregated figures for the land parcels of different categories are given below in the tables 2.1 and 2.2. The tables show separately the permanently affected parcels, which are subject for land acquisition and partially affected parcels, which will be compensated according to the easement agreements. The aggregated figures are given as final impact figures for the draft RAP 4 (Segment 1 – Section 1: km 0 - km 30.8).

Table 2.1 : Type of Land Ownership

Tenure Categories	Permanent Land Take (Land to be Acquired)		Partial Impacts (Land Plots within the RoW/Easement)		Total number of Affected Land	Total area of Affected Land
	Plots No.	Area (sqm)	Plots No.	Area (sqm)		
Compensable land						
Category 1. Private Registered	12	10913	75	142537	78 (87) ⁴	153450
Category 2. Private Legalizable	41	5125	494	492868	494 (535) ⁴	497993
Subtotal Compensable	53	16038	569	635405	572 (622) ⁴	651443
Non-Compensable land						
Category 3. State Owned , Used by Private Users (squatters) – Non Legalizable	0	0	0	0	0	0
Category 4 State Owned Not Used by Private Users	0	0	0	0	0	0
Subtotal Non-compensable	0	0	0	0	0	0
TOTAL	53	16038	569	635405	572 (622) 4	651443

⁴ Out of 572 affected land plots there land parcels with planned location of towers, each of which will be registered further as 2 separate land plot : 1 is subject for acquisition (part of land parcel where the tower is actually located) and the other part is subject for compensation by servitude agreement, as it falls within the RoW. First number is the total number of the affected plots whereas the number in the brackets is the final number of the land plots after the registration.

Table 2.2: Type of Land Use and Land Groups by Compensation Rates*

Categories by Land Use and Costs	Permanently Affected Land to be Acquired (land plots under the towers)		Partial Impacts (Land Plots within the RoW/ Servitude)		Total number of Affected Land	Total area of Affected Land
	Plots No.	Area (sqm)	Plots No.	Area (sqm)		
Compensable land						
Type 1. Agricultural and non agricultural land plots, used as homestead COST – 3 GEL/sq.m.	4	9860	40	37227	43 (44) ⁵	47087
Type 2. Agricultural land plots, used for annual and perennial agricultural crops. COST – 1.5 GEL/sq.m.	49	6178	529	598178	529 (578) ⁵	604356
Type 3. Land plots formally attributed to agricultural type but not used for cultivation (pastures, hay lands and land not suitable for agricultural production COST – 0.75 GEL/sq.m.	0	0	0	0	0	0
Subtotal Compensable	53	16038	569	635405	572 (622) ⁵	651443
Non-Compensable land						
Type 4. State Owned , Used by Private Users – Non Legalizable	0	0	0	0	0	0
Type 5. State Owned Not Used by Private Users	0	0	0	0	0	0
Subtotal Non-compensable	0	0	0	0	0	0
TOTAL	53	16038	569	635405	572 (622) ⁵	651443

2.2.2 Impact on Crops

22. Affected crops identified on the acquired agricultural land are maize, beans, potato and vegetables. The largest portion of the agricultural land is used for cultivation of potato 72 151 sq.m. (7.2 ha), maize 61 103 sq.m (6.1 ha), beans 52 759 sq.m (5.2 ha), wheat 41 468 sq.m (4.1 ha). The total figures are given in table 2.3

23. 301 land plots are used for crop cultivation. Several types of crops are combined and cultivated on the same plot (e.g. maize and beans). These are complementary types of crops. Productivity of the crops per sq.m, when they are cultivated together with the other complementary crop, is the same as if they are cultivated separately as they are not competing for space. Accordingly total number of land plots and total area used for cultivation of crops is less than a simple sum of areas of land plots used for cultivation of each type of crop. The details are given in the table 2.3

⁵ Here we provide final number of plots 622 in total (43 of type 1 and 529 type 2,) to be acquired or compensated according to the easement agreement, having in mind that part of the land plots are to be divided into 2 parts – one to be acquired (permanent impact) and the other to be compensated under the easement agreement (partial impact). Out of 43 of type 1 land plots only one is subdivided on 2 parts. Out of 529 type 2 plots – 49 are subdivided on 2 plots, In total, out of initial 572 land plots 50 will be divided on 2 plots, one part to be acquired and the other part to be compensated through easement agreement.

Table 2.3: Affected Crops

Crop	Number of Land Plots	Area sq.m	Number of AHs
Maize	94	61103	87
Beans	79	52759	72
Potato	104	72151	93
Beet	17	7603	16
Onion	27	9067	26
Vegetables	25	6198	23
Wheat	34	41468	34
Oats	16	17716	14
Barley	27	31524	24
Alfalfa	19	11532	18
Sainfoin	44	66285	43
Total	301*	325829*	259
* The total number and area of land plots used for crop cultivation is less than a sum of numbers and areas used for separate types of crops, as on many land plots several crops are cultivated (see the details below).			
Maize+Beans	57	39165	53
Maize+Potato	0	0	0
Maize+Beet	1	1065	1
Beans+Potato	3	3053	3
Potato+Onion	1	460	1
Potato+Vegetables	1	765	1
Onion+Vegetables	1	91	1
Maize+Beans+Potato	3	3056	3
Maize+Beans+Beet	1	433	1

2.2.3 Impact on Trees

24. It is prohibited to plant trees within the RoW and the existing trees should be cut. Clearing right of way will cause felling down of 2909 productive and partially productive fruit trees under private ownership. The affected timber trees are mostly state owned and are not included in the inventory list. The timber trees that will be felled at the private land plots will be passed in a possession of the owners: they may use it as timber material or sell it; this is in addition to the compensation for felled trees as per the Entitlement Matrix. In general, loss of timber trees including the state owned trees will comprise impacts on forests (forest fund lands) and induce some impact on wind belt and greenery plantations and counter program of replanting may be suggested within the ESIA. On most of land plots several species of trees are grown. In total 119 AHs lose trees. The details of the impacts on trees is given in the table 2.4.

Table 2.4 Affected Trees

Type	Groups by Age	Cost for 1 seedling	wholesale Market price 1 kg., GEL	Years to be compensated	Average productivity in 1 year, kg.	Annual income, GEL	No of trees	Number of AHs
1	2	3	4	5	6	7	8	9
Black Cherry /Sweet Cherry bali/alubali	Seedling nergi (<5)	5	2	5	3	6,0	183	12
	5-10	5	2	5	10	20,0	101	9
	10-20	5	2	5	16	32,0	78	7
	20+	5	2	5	10	20,0	15	3
Subtotal							377	23
Apricot gargali	Seedling nergi (<5)	4	1,5	5	3	4,5	2	1
	5-10	4	1,5	5	15	22,5	1	1
	10-20	4	1,5	5	40	60,0	0	0
	20+	4	1,5	5	25	37,5	0	0
Subtotal							3	1
Apricot tree ჭერამი	Seedling nergi (<10)	4	1	5	3	3	1	1
	5-10	4	1	5	15	11	0	0
	10-20	4	1	5	40	40	0	0
	20+	4	1	5	25	25	1	1
Subtotal							2	2
prune ჭანჭური	Seedling nergi (<5)	2	0,70	5	5	3,50	213	17
	5-10	2	0,70	5	20	14	264	18
	10-20	2	0,70	5	60	42	306	15
	20+	2	0,70	5	35	25	304	11
Subtotal							1087	44
Walnut კაკალი	Seedling nergi (<5)	10	5	5	4	20,0	16	8
	5-10	10	5	10	15	75,0	23	6

	10-20	10	5	10	25	125,0	21	7
	20+	10	5	10	30	150,0	37	10
Subtotal							97	23
almonds ნუში	Seedling nergi (<5)	10	8	4	2	16	1	1
	5-10	10	8	8	5	40	0	0
	10-20	10	8	8	8	64	0	0
	20+	10	8	8	10	80	0	0
Subtotal						1	1	
Quince კომში	Seedling nergi (<5)	4	1,5	5	3	4,5	15	3
	5-10	4	1,5	5	15	22,5	4	2
	10-20	4	1,5	5	30	45,0	8	3
	20+	4	1,5	5	20	30,0	9	2
Subtotal						36	9	
Pear მსხალი	Seedling nergi (<5)	4	1,2	5	7	8,4	32	14
	5-10	4	1,2	7	20	24,0	32	9
	10-20	4	1,2	7	70	84,0	25	10
	20+	4	1,2	7	45	54,0	67	15
Subtotal						156	37	
Plum ქლიავი	Seedling nergi (<5)	4	0,8	5	8	6,4	41	8
	5-10	4	0,8	5	15	12,0	38	6
	10-20	4	0,8	5	30	24,0	247	5
	20+	4	0,8	5	20	16,0	81	2
Subtotal						407	17	
Mulberry თუთა	Seedling nergi (<5)	5	1,5	5	4	6,0	1	1
	5-10	5	1,5	5	10	15,0	0	0
	10-20	5	1,5	5	16	24,0	3	3
	20+	5	1,5	5	10	15,0	5	4
Subtotal						9	7	
Hazelnut თხილი	Seedling nergi (<5)	2	2	5	2	4,0	24	2
	5-10	2	2	5	5	10,0	1	1
	10-20	2	2	5	6	12,0	3	2
	20+	2	2	5	4	8,0	28	2
Subtotal						56	7	
Wild plum ტყეობალი (აღოქვა)	Seedling nergi (<5)	3	0,8	5	7	5,6	28	10
	5-10	3	0,8	5	15	12,0	30	10
	10-20	3	0,8	5	50	40,0	53	11
	20+	3	0,8	5	25	20,0	15	4
Subtotal						126	30	

Apple ვაშლი	Seedling nergi (<5)	4	1	5	5	5,0	39	14
	5-10	4	1	6	25	25,0	45	15
	10-20	4	1	6	70	70,0	70	24
	20+	4	1	6	40	40,0	26	12
Subtotal							180	55
Grape ყურბენი/ვაზი	Seedling nergi (<5)	2	1,5	4	5	7,5	24	2
	5-10	2	1,5	4	7	10,5	31	1
	10-20	2	1,5	4	9	13,5	0	0
	20+	2	1,5	4	5	7,5	13	1
Subtotal							68	2
Cornelian cherry შინდი	Seedling nergi (<5)	3	2	5	2	4,0	3	3
	5-10	3	2	5	3	6,0	1	1
	10-20	3	2	5	4	8,0	1	1
	20+	3	2	5	3	6,0	50	1
Subtotal							55	6
Berry კენკრა/მოცხარ ო	Seedling nergi (<5)	2	2,5	5	2	5,0	111	14
	5-10	2	2,5	5	3	7,5	47	4
	10-20	2	2,5	5	4	10,0	16	5
	20+	2	2,5	5	3	7,5	65	4
Subtotal							239	23
Barberry კოწახური	Seedling nergi (<5)	5	2,5	5	3	7,50	0	0
	5-10	5	2,5	5	5	12,50	0	0
	10-20	5	2,5	5	7	17,50	0	0
	20+	5	2,5	5	5	12,50	9	3
Subtotal							9	3
Medlar	Seedling nergi (<5)	4	1.5	6	3	4.5	1	1
	5-10	4	1.5	6	10	15	0	0
	10-20	4	1.5	6	20	30	0	0
	20+	4	1.5	6	10	15	0	0
Subtotal							1	1
TOTAL							2909 ⁶	1196

⁶ Most of AHs cultivate several type of fruit trees on each agricultural land plots

2.2.4 Buildings/Structures

2.2.4.1 Type of affected Structures

25. Major structures affected by the project are 3 residential houses. All of these finished residential buildings will be compensated at replacement cost, the land plots will be acquired and in addition to that the owners (3 AHs) will receive relocation allowances. Therefore, these structures will be compensated at replacement cost and the land plots will be acquired.

26. Apart from the affected residential houses (3) there are buildings that are subject for demolition/compensation. Amongst these are: toilet (3), storage (2), cattle shed (3), hen house (3), dog shed (1), granary (1), agricultural building for various purposes (1) and pigsty (1).

27. In total, 10 AHs are losing structures (3 finished residential houses and 15 ancillary structures). The details of the impacts on structures are given in the table 2.5.

Table 2.5: Permanent Impacts on Buildings

Major Structures				
No	Type of Structure	Number	Area sq.m	No of AHs
035	2 Storey Residential Building 2 storey concrete building with metal roofing	1	332,79	1
036	2 Storey Residential Building 2 storey concrete building with metal roofing	1	332,79	1
037	2 Storey Residential Building 2 storey concrete building with metal roofing	1	252,81	1
	Subtotal	3		3
Remnants of not finished or old buldings and Ancillary Structures				
No	Type of Structure	Number		No of AHs
036 036 037	Toilet	3	2,24 2,24 1,2	2
003 014	Storage	2	4,29 9,72	2
010 037 039	Cattle Shed	3	22,13 37,09 101,18	3
036 036 037	Hen House Chicken House	3	3,46 2,54 4,0	2
036	Dog House	1	6,0	1
037	Granary	1	2,42	1
038	Agricultural building for various purposes	1	207,51	1
368a	Pigsty	1	17	1
	TOTAL	15 ⁷	421,03	13

⁷ Total number of the AHs is less than mechanical sum as some AHs own several buildings.

2.3 Relocation Needs and Strategy

28. The AH affected by demolition of their houses used for residential need is 3. These AHs will have to be relocated. Residual construction materials after demolition of the buildings will be deemed as a property of AH and they will be only requested to remove these materials after completion of dismantling works. The replacement cost given to the relocated AHs is significantly higher than the market price (sales price) in this place. The compensation costs are calculated without any depreciation and in fact the AHs have a chance to get new residential buildings of a better quality instead of their old structures. Besides that, the relocated AHs are eligible for provision of allowance covering transport expenses and a livelihood expenses for the transitional period for 3 months equal to 3 months of minimum subsistence income. (200 GEL as vehicle hire charge + 322 GEL³ as minimum subsistence income x 3 months = 1166 GEL per AH).

29. All compensation prices also cover taxes and selling/buying transaction, as well as registration fees. All of the 3 AHs that are subject to physical relocation, lose more than 10% of their agricultural land and are deemed as severely affected. The total amount of compensation given at replacement cost and allowances for physical relocation and for severe impact are much exceed the market prices of the residential houses in high mountainous area, where the APs live now. Compensation values give possibility to buy house and private land closer to the cities and even a good apartment in Akhaltsikhe. It is expected that the living conditions, including the access to schools and jobs will be better than before the project. The social development specialist of GSE will monitor that these expectations and social development goals of the project are met.

2.4 Impacts on Business and Employment

30. Land acquisition and resettlement will not affect operating businesses.

2.4.1 Impact on Employment and Agricultural Tenants

31. Construction of OHL will not affect any agricultural tenants (renters). The project will not have impact on employees of any businesses.

2.4.2 Impact on Common Property Resources

32. Construction of OHL will not affect any community or public property.

³ These figures are taken from the National Statistics Office of Georgia Department data on minimum subsistence income for a family consisting of 5 persons in July 2015

2.5 Severely Affected and Vulnerable Households

33. In total 459 AHs are affected: 53 are permanently losing some part of their land (53 land plots) and the rest are affected partially as their land plots are imposed to limitation of land use (growing tree plants and construction/existence of the structures is prohibited).

34. The households imposed to partial impact are not considered to be severely affected, as they do not lose permanently their agricultural land and other sources of income. No business or income generating assets are affected by the project at all. In this particular case, severe impact is limited to permanent impact on agricultural land. Severely affected are those AHs who lose permanently more than 10% of their agricultural land. These are all AHs losing residential houses with associated land plots (3) and 7 more AH losing more than 10% of the land owned by them at the locations, where the towers will be erected. Therefore, in total 10 AHs, including the 3 AHs being physically displaced are considered to be severely affected and will be provided by additional allowances.

35. Poor (receiving government subsistence subsidies) and women headed households, are considered as vulnerable households. Households with members with disabilities or people in pension age will receive the allowance only if they are registered as poor or the family has no other members who could be considered as breadwinners. In Georgia, the poverty line is determined as a result of sophisticated calculations including production, consumption, and cash income and assets valuation. The households with rating less than 57000 are considered as extremely poor and receive subsistence allowance, and AH with rating between 57000 and 70000 were considered as poor and they receive medical insurance policy allowances⁴. The estimations (rating calculations) are conducted by the Social Services Agency and the rating data is registered. The vulnerable household requires special assistance for resettlement.

The AHs in present RAP affects in total 50 vulnerable AHs and 29 women headed without supporters (breadwinners), however two of these 29 women headed households are already included in the list of AHs under the poverty threshold scores of 70000. See for details - (Table 2.8).

Table 2.8: Vulnerable AHs

Category of vulnerability	No. of AHs Revised Part of RAP
Poor AHs below poverty line (threshold)	23
Female headed AHs with low income and dependents	29*
Total	50*

* 2 of woman headed AHs is also accounted amongst the 23 extremely poor

⁴ Currently, all the citizens of Georgia receive medical insurance policy without regard to the rating, however we have maintained this old criteria as for estimating level of poverty of AHs. Thus, like in RAPs prepared before 2011 we include in a list of vulnerable people the AHs with rating less than 70000 and do not apply more strict criteria (57000). Currently, 70000 scores have been also taken by the Government as a margin for donating the poor increased fees for electric power. Thus, we consider 70000 scores as substantiated margin for attributing the AH to the category of vulnerable.

2.6 Gender and Resettlement Impacts

36. The direct project impact extends to 1904 persons (459 AHs) comprising 51% male and 49% female: 968 male and 936 female. Further, 29 of the 459 AHs are headed by women. During monitoring and evaluation of the RAP special attention will be given to the impact of resettlement on women and other vulnerable groups. Civil works contracts will include provisions to encourage employment of women during implementation. List of women seeking for employment and their CVs will be provided to Construction Contractor. Additionally, women headed households have been considered as vulnerable and special assistance are provided in the RAP entitlements in amount equivalent to 3 months of minimum subsistence income. Women will be encouraged to monitor gender-sensitive issues related to project. The GSE is requested to include women representatives in Grievance Redress Commission.

2.7 Summary of Impacts

37. A summary of Project impacts is included in Table 2.9 below.

No.	Impacts			Number	Sqm		
1	Total Land parcels affected			572*(622)	651443		
		Permanent Land Take (Land to be Acquired)		Total number of Affected Land	Total area of Affected Land		
		Plots No.	Area (sqm)	Plots No.	Area (sqm)		
Tenure Categories							
2	Category 1. Private Registered	12	10913	75	142537	78*(87)	153450
3	Category 2. Private Legalizable	41	5125	494	492868	494*(535)	497993
4	Category 3. State Owned , Used by Private Users (squatters) – Non Legalizable	0	0	0	0	0	0
5	Category 4. State Owned - Not used by private users	0	0	0	0	0	0
Categories by Land Use and Costs							
6	Type 1. Agricultural and nonagricultural land plots, used as homestead COST – 3 GEL	4	9860	40	37227	43*(44)	47087
7	Type 2. Agricultural land plots, used for annual and perennial agricultural crops. COST – 1.5 GEL	49	6178	529	598178	529*(578)	604356
8	Type 3. Agricultural, non-cultivation land plots, which doesn't belong to II type, isn't used for agricultural crops. COST – 0.75 GEL	0	0	0	0	0	0
9	Type 4. State Owned , Used by Private Users – Non Legalizable	0	0	0	0	0	0
10	Type 5. State Owned Not Used by Private Users	0	0	0	0	0	0
Crops and Trees							
11	Area under Maize			sq.m	61103		
12	Area under Beans			sq.m	52759		
13	Area under Potato			sq.m	72151		
14	Area under Beet			sq.m	7603		
15	Area under Onion			sq.m	9067		
16	Area under Vegetables			sq.m	6198		
17	Area under Wheat			sq.m	41468		
18	Area under Oats			sq.m	17716		
19	Area under Barley			sq.m	31524		
20	Area under Alfalfa			sq.m	11532		
21	Area under Sainfoin			sq.m	66285		
22	Affected Trees			No	2909		
Affected Structures							
23	Residential Houses (AHs to be relocated)			No.	3		
24	Ancillary Buildings in Total			No	15		
Affected Businesses							
25	No businesses are affected by the project			No.	0		
Affected Households							
26	Severely affected Households			No.	10		
27	Vulnerable Households			No	50		
28	Resettled households			No.	3		
29	AH losing Jobs			No	0		
30	Total AH			No	459		
31	Total Affected Persons			No	1904		

3. SOCIO-ECONOMIC INFORMATION

3.1 Introduction

54. A census of 99%⁵ of the AHs available on site was conducted to enumerate the APs. A sample socio-economic survey conducted in May 2015 was conducted in the project area covering 459 households which is 99% of the total AHs under the direct impact of project (losing land or assets) and covered in census. The objective of the socioeconomic survey was to gather general information on socioeconomic condition of the affected people. The socioeconomic information of the affected population as per census and socioeconomic survey is presented hereunder.

3.2 Affected Population

3.2.1 Demography

55. The project, as per detail measurement survey, will be displacing (physically and economically) 459 households comprising of 1904 persons. Census of 459 AHs identifies that 51% of APs are male and 49% female: 968 male and 936 females. The average family size is 4.1 members per household (Table 3.1).

Table 3.1: Demographic Profile of Aps

Age Group	Male		Female		Total		Average/ Household
	No.	%	No.	%	No.	%	
Children (Below 6 Years)	77	8.0	68	7.3	145	7.6	0.3
Children (6–18 Years)	156	16.1	131	14.0	287	15.1	0.6
Adult (19–64 Years male and 19 – 59 years for female)	619	63.9	528	56.4	1147	60.2	2.5
Pension age (65 Years and Over males and 60 years and over - female)	116	12.0	209	22.3	325	17.1	0.7
Total	968	100	936	100	1904	100	4.1
%		50.8		49.2		100	

3.2.2 Urban Rural Proximity

56. The project is mostly located in rural areas.⁸⁹ Survey of the households shows that 87.4% of the AHs reside in rural areas and 12.6% reside in urban areas (Table 3.3).

Table 3.3: Urban Rural Distribution of Ahs

Sl. No.	Type of Settlement	Total No. of Households	%
1	Rural	40	87.4
2	Town (Urban)	58	12.6
	Total	45	

3.2.3 Level of Education of APs

57. Data from project area brought forth that illiteracy is almost equal among the women and male population. In all, about 0,4% people are illiterate (lack of functional education). Majority of population has primary and secondary level education (58.6%) and almost every fifth person (17.8%) has university level education (Table 3.4).

Table 3.4 Level of Education of Aps

Sl.No.	Category	Male		Female		Total	
		No	%	No	%	No	%
0	Children aged 0-6 without education	83	8.6	73	7.8	156	8.2
1	Pre-School	35	3.6	35	3.7	70	3.7
2	Primary & Secondary	590	61.0	526	56.2	1116	58.6
3	Technical–special education	91	9.4	121	12.9	212	11.1
4	University	162	16.7	176	18.8	338	17.8
5	Illiterate	4	0.4	3	0.3	7	0.4
6	Information not availbale	3	0.3	2	0.2	5	0.3
	Total	968	100.0	936	100.0	1904	100.0

⁸ One HH (Land Plot #311/Social ID 523 is included in the database, although information regarding this HH is not available.

⁹ The table below describes the names of the project affected villages and number of PAPs per village.

Names of Project Affected Villages and Number of PAPs			
Arali	107	Mugareti	103
Benara	199	Skhvilisi	6
Boga	10	Tatanisi	104
Bolajuri	105	Pharekha	4
Giorgitsminda	269	Phera	153
Enteli	104	Sholaveri	135
Varnakhi	5	Shurdo	5
Zikilia	33	Tsira	77
KIde	22	Tskruti	463
Total		1904	

3.3 Agriculture and Land Resources

3.3.1 Land Holding Status

58. All 459 AHs are land holders. Average area of land holding is 0.77 ha (Table 3.5).

Table 3.5: Land Holding Status

Sl. No.	Particulars	No of Households	%
1	Land Holder Households	459	100
2	Landless Households	0	0
3	Total Households	459	100
Average Land Holding: 0.77 ha per household			

3.3.2 Annual Income of AHs

59. Agriculture, wages and pension are major contributors to income of the AHs. The survey found that 23% of the AHs get income from one single source and the majority – 77% from double sources. Table 3.9 shows that the more the number of sources, the more is the amount of income feeding to a household.

Table 3.9: Average Annual Household Income against Number of Sources

Number of sources of Income	No. of AHs	% of AHs	Average household annual income (GEL)
Single Source	107	23.4	4007
Double Sources	350	76.6	10236
Total	457 ¹⁰	100	

60. Average income per household earning from single source is somewhat lower compared to the income from multiple sources (Table 3.9). Table 3.10 shows the distribution of AHs getting income from various single sources. Average annual income from the sources varies 2,585 GEL to 21,489 GEL per household. Agricultural income and pension are in the lower echelon of household income.

Table 3.10: Average Annual Household Income by Sources

Sources of Income	No. AHs (earning from the sources)	Total Income per Month from the sources (GEL)	Average Income per Household per Month from the sources (GEL)	Average Annual Per Household from the sources (GEL)
Wage gov/public sector	114	76120	668	8013
Wage employment	53	28095	530	6361
Agriculture	416	134189	323	3871
Business/Service	9	16117	1791	21489
Irregular Income	79	23122	293	3512
Pension/subsidiary	267	56634	212	2545
Total Households and Income	45710	334276	731	8777

¹⁰ Two out of 459 HHs refuse to declare the information regarding their income sources, thus the total number of HHs are 457 instead of 459.

Consumption Pattern

61. The total annual average expenditure per household is about 6916 GEL out of which a bit more than half is incurred for the non-food (52%). Food expenditure constitutes 48%. Details about the expenditure are described in Table 3.11.

Table 3.11: Average Annual Expenditure

SI. No.	Consumption Pattern	Average Annual Expenditure GEL	% to total expenditure
1	Food	3344	48.4
2	Non-food	3572	51.6
	Average	6916	100

3.3.3 Household Assets

62. Possession of domestic animals includes cattle in 68.8% households and poultry in 72.6% households (Table 3.12). Part of the households do not own any assets.

Table 3.12: Domestic Animals

SI. No.	Item	Households No.	%
1	Large Animals (Cows/Bulls/Bufaloes)	316	68.8
2	Pigs	131	28.5
3	Sheep/goats	37	8.1
4	Horse/donkey	32	7.0
5	Poultry	338	73.6
6	Bees	25	5.4
7	Rabitts	10	2.2
8	Pigeons	2	0.4

3.3.4 Prevalence of Debt

63. More than half of the surveyed households declared to have debts (51.2%), although it is worth mentioning that 49.2% of households do not have any debts from a bank or private lender. 235 households out of 459 interviewed reported to have debt and in the most cases the source of the credit is a commercial bank (226 households); only 12 households borrow money from a private lender (Table 3.13).

Table 3.13: Indebtedness

SI. No.	Indebtedness	Number of Households	%
1	Yes	235	51.2
2	<i>Bank</i>	226	49.2
3	<i>Private lender</i>	12	2.6
4	No	223	48.6
5	Information not available	1	0.2
	Total	459	100

3.4 Water and Sanitation

3.4.1 Source of Drinking Water

64. The major source of drinking water is non-centralized local source. Out of the 459 surveyed households only 60 (13.1%) are connected to the centralized water supply pipeline system while majority (274 households – 59.7%) use water from natural springs. There are 124 households who have not indicated accessibility to any water source listed (Table 3.15).

Table 3.15: Source of Drinking Water

Sl. No.	Sources	Number of Households	%
1	Piped water supply	60	13.1
2	Well	7	1.5
3	Spring	274	59.7
4	No water source indicated	124	27.0
	Total	459	100

Note: Some AHs having access double source

3.4.2 Sanitation Facilities

65. 88.2% of the interviewed households possess latrine at their house connected to septic reservoirs, and only 11.8% household has reported having flush toilet connected with the centralized sewerage system (Table 3.16).

Table 3.16: Types of Toilet

Sl. No.	Toilet	Number of Households	%
1	Flush toilet	54	11.8
2	Latrine	405	88.2
3	Total	459	100

3.5 Access to Energy and Civic Facilities

3.5.1 Access to Energy for Cooking

66. Vast majority of inquired households (99.8%) use electric power for cooking. However, wood and gas are still significant source of fuel being used by the 91.3% and 89.3% of households respectively. According to the Table 3.17, households using gas also use fuel wood at the event of unavailability of gas (especially those using LPG). Details are given in Table 3.17.

Table 3.17: Type of Fuel Use for Cooking

Sl. No.	Types of Fuel	Number of Households	%
1	Wood	419	91.3
2	Gas	410	89.3
3	Diesel/ Kerosene	25	5.4
4	Electric power	458	99.8
	Total	459	100

3.5.2 Access to Electricity and Natural Gas

67. From the interviewed 459 households, 458 (99.8%) are connected with central power supply and only 11.3 % are connected to the natural gas supply system (Table 3.18).

Table 3.18 Connected to Central Electric Power Supply and Natural Gas Supply Systems

Sl. No.	Whether connected	Electric Power		Natural Gas	
		No of Households	%	No of Households	%
1	Yes	458	99.8	52	11.3
2	No	1	0.2	407	88.7
	Total	459	100	459	100

3.5.3 Access to Health Centre

68. Health facilities in project areas are in good condition with adequate access to hospitals. 100% of the households stated that they have easy access to health centers (Table 3.19).

Table 3.19: Access to Health Centre

Sl. No.	Easy access to Health Centre	Number of Households	%
1	Yes	459	100
2	No	0	0
3	Total	459	100

3.5.4 Access to School

4 All sample households (100%) reported that they have easy access to school (Table 3.20).

Table 3.20: Access to School

Sl. No.	Access to School	Number of Households	%
1	Yes	459	100
2	No	0	0
3	Total	459	100

4.1.1 Access to Road

69. Transport connectivity seems to be well established in the project area. Only one households (0.2%) reported that the road connecting their house to the main roads is not in a good condition while the most of the sampled households consider condition of road connection good (99.8%) (Table3.21).

Table 3.21: Access to Road

Sl. No.	Whether connected to Road	Number of Households	%
1	No	1	0.2
2	Yes	458	99.8
3	Total	459	100

4. LEGAL and POLICY framework

4.1 General

77. The legal and policy framework of the Project is based on national laws and legislations related to Land Acquisition and Resettlement (LAR) in Georgia and the World Bank Involuntary Resettlement Policy (OP/BP 4.12). Based on the analysis of applicable laws and policies and Policy requirements of the mentioned IFIs, project related LAR principles have been adopted.

4.2 Legal Framework

4.2.1 Georgia's Laws and Regulations on Land Acquisition and Resettlement

78. In Georgia, the legislative acts given below regulate the issues of obtaining State ownership rights to privately owned land parcels based on the necessary public needs.

- (i) The Constitution of Georgia, August 24, 1995
- (ii) The Civil Code of Georgia, June 26, 1997
- (iii) The Law of Georgia on Protection of Cultural Heritage, May 8, 2007
- (iv) The Law of Georgia on Notary Actions, December 4 2009;
- (v) The Law of Georgia on State Property (21 July 2010)
- (vi) The Law of Georgia on Ownership Rights to Agricultural Land, March 22, 1996
- (vii) The Law of Georgia on Recognition of the Property Ownership Rights Regarding the Land Plots Owned (Used) by Physical Persons or Legal entities; July 11, 2007
- (viii) The Law of Georgia on Public Register (No820 –IIs; December 19 of 2008;
- (ix) The Law of Georgia on the Rules for Expropriation of Ownership for Necessary Public Need, July 23, 1999
- (x) The Civil Procedural Code of Georgia, November 14, 1997
- (xi) Presidential Decree #964 (dated 27 December 2009) —On the Protection Procedures for Electricity Grid Linear Facilities and Determination of its Protective Zones

79. The existing Laws provide that compensation for lost assets, including land, structures, trees and standing crops, should be based on the current market price without depreciation. Overall the above laws/regulations provide that the principle of replacement cost compensating at market value is reasonable and legally acceptable. The laws also identify the types of damages eligible to compensation and indicate that compensation is to be given both for loss of physical assets and for the loss of incomes. Finally, these laws place strong emphasis on consultation and notification to ensure that the APs participate in the process. Income loss due to loss of harvest and business closure will be compensated to cover net loss. The above-listed laws and regulations give the possibility of applying the following mechanisms for legal application of the property rights:

- (i) Obtaining the right on way without expropriation through the payment of due compensation (on the basis of a contract of agreement or a court decision) prior to commencement of the activities.
- (ii) The Law of Georgia 'On the Rules for Expropriation of Ownership for Necessary Public Need' allows expropriation which gives the possibility of obtaining permanent right to land and/or other real estate property on the basis of Eminent Domain Law and a court decision through the payment of due compensation.

80. Land will be acquired through eminent domain, first on the basis of negotiated settlement with individual affected entities. Should the negotiation fails, the expropriation process under the eminent domain will start and the expropriation procedures set out in the Law of Georgia —On the Rules for Expropriation of Ownership for Necessary Public Needll shall be applied.

81. Under the existing Law in Georgia and in accordance with the Law of Georgia —On the Rules for Expropriation of Ownership for Necessary Public Needll the expropriation shall be carried out based on the order of the Minister of Economy and Sustainable Development of Georgia and a court decision. The order of the Minister of Economy and Sustainable Development of Georgia will determine the case of public needs, and grant the expropriation entity rights to obtain land. Only the court shall determine a state body or local authorities and/or legal entity under the Public Law/Private Law to which the expropriation rights can be granted. The court decision should also include a detailed inventory of the assets to be expropriated and the provisions on the compensation payable to relevant land owners.

82. After issuing an order by the Minister of Economy and Sustainable Development of Georgia the entities interested in obtaining expropriation rights shall notify all the relevant owners of property subject to expropriation. This information should be published in central and local newspapers and contain a short description of the project and assets to be expropriated.

4.2.2 WB's Policy on In voluntary Res ettlement

83. The WB's guiding principles for land acquisition applicable to the project are stipulated in OP 4.1 2 on In voluntary Res ettl ement. The three important elements of WB's involuntary resettlement policy are (i) compensation to replace lost assets, livelihood, and income; (ii) assistance for relocation, including provision of relocation sites with appropriate facilities and services; and (iii) assistance for rehabilitation to achieve at least the same level of well-being with the project as without it. For any WB or ADB operation requiring involuntary resettlement, resettlement planning is an integral part of project design, to be dealt with from the earliest stages of the project cycle, taking into account the following basic principles:

- (i) Involuntary resettlement is to be avoided or at least minimized.
- (ii) Compensation/Rehabilitation provisions will ensure the maintenance of the APs' pre-project standards of living.
- (iii) APs should be fully informed and consulted on LAR compensation options.
- (iv) APs' socio-cultural institutions should be supported/used as much as possible.
- (v) Compensation will be carried out with equal consideration of women and men.
- (vi) Lack of legal title should not be a bar to compensation and/or rehabilitation.
- (vii) Particular attention should be paid to households headed by women and other vulnerable groups, such as Indigenous Peoples, and appropriate assistance should be provided to help them improve their status.
- (viii) LAR should be conceived and executed as a part of the project, and the full costs of compensation should be included in project costs and benefits.
- (ix) Compensation and resettlement subsidies will be fully provided prior to clearance of right of way/ ground leveling and demolition.

4.2.3 Comparison of WB Policy with Georgian Laws and Legislation

84. Overall, the legislation of Georgia adequately reflects the major provisions of the WB OP 4.12 Safeguards Policy but a few differences are to be noted. The most significant of these differences is that under Georgian legislation/regulation, emphasis is put on the definition of formal property rights and on how the acquisition of properties for public purposes is to be implemented and compensated while in the case of WB policy emphasis is put both on the compensation of rightfully owned affected assets and on the general rehabilitation of the livelihood of Affected People (AP) and Households (AH). Because of this, WB policy complements the Georgian legislation/regulation with additional requirements related to (i) the economic rehabilitation of all AP/AH (including those who do not have legal/formal rights on assets acquired by a project); (ii) the provision of indemnities for loss of business and income, (iii) and the provision of special allowances covering AP/AH expenses during the resettlement process or covering the special needs of severely affected or vulnerable AP/AHs. Also, in addition, the legislation of Georgia does not require any specific measure regarding the need to prepare RAPs based on extensive public consultations. The differences between Georgia law/regulation and WB policy are outlined in Table 4.1.

Table 4.1: Comparison of Georgian Laws on LAR and World Bank Resettlement Policy

Georgia Laws and Regulations	WB OP 4.12	Corrective Action
Land compensation only for titled landowners.	Lack of title should not be a bar to compensation and/or rehabilitation. Non-titled landowners receive rehabilitation.	In practice legalizable land owners are also compensated after they are issued with the necessary papers. GSE will support those without legal titles so they can be issued relevant title to occupied land. In those cases where for some reason land users cannot be titled, the GSE will seek the Government's approval for rehabilitation/ compensation of such non-titled land users.
Only registered houses/buildings are compensated for damages/demolition caused by project-related land acquisition	All affected houses/buildings, regardless of legal status, are compensated for damages/demolition caused by project-related land acquisition	It is assumed, that majority of properties will be registered to actual user, with support of the project (legal and registration support). Accordingly the compensation will be paid to all affected households. In case of damages during construction period, the construction contractor will be responsible for compensation and GSE team will supervise the processes.
Crop and trees losses compensation provided only to registered landowners.	Crop losses compensation provided to landowners and sharecroppers/lease tenants whether registered or not	In case of leased land plots, the compensation will be paid to renters for their actual losses and be given assistance to access some other land to continue activities. The informal users of the land also are subject for crop and tree compensation.

Compensation for loss of assets is based on market value without taking into account depreciation	Compensation for loss of assets is based on market value without taking into account depreciation and should also include transaction	Compensation will be paid based on market value without taking into account depreciation.
	Costs such as taxes and registration fees. It should also include other resettlement costs such as cost of preparing land for cultivation.	GSE will have in place clear legal procedures to allow for recognition of transaction costs and other resettlement costs. The asset evaluation criteria will be based on replacement value as per OP 4.12.
Administrative body implementing the Project (GSE) is the only pre-litigation final authority to decide disputes and address complaints regarding quantification and assessment of compensation for the affected assets. Complaints are reviewed in compliance with the formal procedures (rules) established by the Administrative Code of Georgia. There is no informal grievance redress mechanism through community participation at the local level.	Complaints & grievances can also be resolved informally through a project-level grievance redress mechanism which in some cases can have community participation through a Grievance Redress Committees (GRC), Local governments, and NGO and/or local-level community based organizations (CBOs).	The GSE resettlement team will have in place a mechanism to receive, register and process grievances from APs. Representatives of municipalities, local authorities and villages will be involved in the process from early stages. This will ensure solution of disputes and claims (if it is possible) at community level, however if solution could not be found, the case will be processed in accordance to local legislation.
Decisions regarding land acquisition and resettlement are discussed only between the landowners and the agency in charge of land acquisition.	The RPF and RAPs including information on criteria for valuation of affected assets, entitlements, and compensation/financial assistance are to be publicly disclosed during the planning process.	The preparation of the RPF and RAP will be done through engagement with relevant stakeholders and the RPF and RAPs will be publicly disclosed. No personal information of the AP or amounts each individual will receive will be publicized
No provision for income/livelihood rehabilitation, allowances for severely affected or vulnerable APs, or resettlement expenses.	WB policy requires rehabilitation for income/livelihood, severe losses, and for expenses incurred by the APs during the relocation process.	GSE will have in place clear legal procedures to allow for additional assistance for severely affected and vulnerable households in accordance to the RAP.
No specific plan for public consultation is provided under the Georgian laws	Public consultation and participation is the integral part of WB's policy which is a continuous process at conception, preparation, implementation and finally at post implementation period	The public consultation process will be accomplished in accordance to WB requirements and guidelines prior to RAP implementation

85. To reconcile the gaps between Georgia laws/regulations and WB Policy, GSE has adopted the Resettlement Policy Framework for the Project, ensuring compensation at full replacement cost of all items, the rehabilitation of informal settlers, and the provision of subsidies or allowances for the AHs to be relocated, suffer business losses, or will be severely affected.

4.2.4 Resettlement Policy Commitments for the Project

86. The resettlement policy for the project has been designed to (a) cover all APs irrespective of their title to land or asset registration status, (b) compensation for lost assets, and (c) restore or enhance the livelihoods of all categories of APs. The households/persons Affected by the project interventions will receive cash compensation for land and other assets at full replacement cost as per market price at the time of dispossession. Additional measures will be taken to ensure minimum disruption during the project construction period. Thus, households to be Affected physically and affected economically will receive due compensation, relocation assistance, and allowances in accordance with the following guidelines and policy which are also part of the Resettlement Policy Framework (RPF)⁷ of the Program and the Georgian laws on land acquisition, as well as WB OP 4.12.

4.2.5 Land Acquisition Process

87. Complete and accurate registration of private land as per current laws governing land acquisition in Georgia is the precondition for proceeding with acquisition of private land by agencies requiring land for land based infrastructure development. GSE for construction of the Batumi-Akhaltzikhe section of the East-West Highway will acquire private land under eminent domain through negotiated settlement wherever possible, based on meaningful consultation with APs, including those without legal title to assets. The land buyer will offer adequate and fair price for land and/or other assets. GSE will ensure that the process of land acquisition with the APs openly address the risks of asymmetry of information and bargaining power of the parties involved in such transactions. Only in case if there is no agreement to land acquisition, expropriation will be sought.

88. The AGL has prepared a separate volume of the RAP containing the land acquisition plan, and estimate of compensation and entitlement of individual APs under the subtitle of —Acquisition and Compensation Scheme (ACS). ACS is a detailed program for execution of RAP as per land acquisition and resettlement framework consistent with WB OP 4.12 on involuntary resettlement.

89. Following the ACS, LAR Working Group assisted by LAR Team at rayon level will offer to each of the APs the compensation rates defined in this RAP. Upon successful settlement, Land Purchase Agreements will be signed with legalized/titled owners. Non-registered but legalizable land plots will be first registered in NAPR and the same Land Purchase Agreement will be signed. Any grievances of the APs will be resolved through approved grievance redress mechanism of the Project.

90. In case an AP does not accept the rates defined in this RAP even after the grievance redressing exercise, GSE will seek concurrence of the appropriate authority in the management for proceeding with Expropriation Process under the eminent domain for acquisition of the land through Rayon courts.

91. The detail design consultant has prepared fresh maps of the plots to be acquired with geometric details required for legalization. GSE will provide these maps to the concerned legalizable owners. The process will be followed by endorsement of these maps and ownership documents by the Sakrebulo and finally getting them registered in the local registration office prior to the receipt of the project compensation. A detailed procedure of legalization of legalizable owners is provided in Annex 2.

⁷ Construction of Akhaltzikhe-Batumi 220KV Power Transmission Line; Resettlement Policy Framework; GSE; 2014;.

4.3 Compensation Eligibility and Entitlements

4.3.1 Eligibility

92. APs entitled for compensation or at least rehabilitation provisions under the Project are:
- (i) All APs losing land either covered by legal title/traditional land rights, Legalizable, or without legal status;
 - (ii) Tenants and sharecroppers whether registered or not;
 - (iii) Owners of buildings, crops, plants, or other objects attached to the land; and
 - (iv) APs losing business, income, and salaries.
93. The eligibility to land compensation for this project has been elaborated as follows:
- a. Titled PAPs will be fully compensated
 - b. Untitled PAPs who were legitimate leasers under the old Soviet system and have either plots with a house or adjacent to a plot with a house will be legalized and then compensated.
 - c. Untitled PAPs who were not legitimate leasers under the old Soviet system and who use or cultivate the land they occupy only extemporaneously and can't be legalized will be eligible for crop or income compensation, compensation for loss of assets other than land, and other assistance required to restore their living conditions.
 - d. Residents in houses with legal titles that need to be displaced will be compensated for the land and structure at full replacement value and assisted to relocate in a new house with adequate access to services.
 - e. Residents in houses that don't have legal titles will not be compensated for land value, but will receive compensation at full replacement cost of the housing and other structures and will receive assistance to relocate to new adequate housing with access to services in accordance with the Entitlement Matrix at the rear of this document.
94. Compensation eligibility is limited by the cut-off date for this Segment which was established on 6 May 2015. APs who settle in the affected areas after the cut-off date will not be eligible for compensation. They, however will be given sufficient advance notice, requested to vacate premises and dismantle affected structures prior to project implementation. Their dismantled structures materials will not be confiscated and they will not pay any fine or suffer any sanction.

4.3.2 Definition of Entitlements

95. Entitlement provisions for PAPs losing land, houses, and income and rehabilitation subsidies will include provisions for permanent or temporary land losses, buildings losses, crops and trees losses, a relocation subsidy, and a business losses allowance based on tax declarations and/or existing minimum market rates. These entitlements are detailed below:

- **Agricultural land impacts** will be compensated at replacement value either with replacement plots of the same value of the land lost and at location acceptable to PAPs where feasible, or in cash free of transaction costs at current market rates or (if no land markets are active) based on the reproduction cost of the affected land. The cash at market rates option has been selected for the Program. When >10% of agricultural land is affected, PAP (owners, leaseholders and sharecroppers) will get an additional allowance for severe impacts equal to the market value of a 2 year's gross yield of the land lost. In case if the 2 years gross yield costs lower than 3 month of minimum subsistence income, the severely affected AHs will receive 3 months value of minimum subsistence income for the family consisting of 5 persons⁸. In case of severe impact on

other income, the PAPs will be paid additional compensation corresponding to 3 months of minimum subsistence income. Transaction taxes/fees will be paid by GSE or waived. Legalizable PAPs will be legalized and paid as titled owners. Non-legalizable PAPs losing agricultural land plot, which is the only land plot owned by AP and provides main source of income for AP, will be compensated with one time allowances in cash equal to 1 year of minimum subsistence income to allow the AP to establish its economic activities elsewhere. Residual non-affected sections of a plot that becomes inaccessible or unviable to use after acquisition will also be compensated.

- **Non-agricultural land (Residential/commercial land).** Legal settlers will be compensated at replacement rate either with replacement plots and houses of same value as plots and houses affected and at location acceptable to PAPs where feasible, or in cash at current market rates, free of transaction cost. The cash at market rates option has been selected for the Program. Renters/leaseholders will receive a 3 months' rent allowance. Non-legalizable PAPs losing land plot and/or house, which is the only land plot / house used for residence or providing main source of income for AH, will be compensated with one time self-relocation allowances in cash equal to 1 year of minimum subsistence income (322 GEL X 12 = 3,864 GEL) / or provided with an alternative residence with adequate conditions and access to services. In either case, necessary assistance and monitoring will be provided to ensure that the living conditions and livelihood are restored. The allowance will be calculated based on a 5 headed household.
- **Crops:** Cash compensation at current market rates for the gross value of 1 year's harvest by default⁹. Crop compensation will be paid both to landowners and tenants based on their specific sharecropping agreements.
- **Trees:** Cash compensation at market rate based on type, age and productivity of trees.
- **Businesses:** If business is lost permanent it will be compensated in cash equal to a 1-year income based on tax declaration or, if unavailable, based on the official minimum subsistence income . Temporary business losses will be compensated in cash for the business interruption period based on tax declaration or, if unavailable, official minimum subsistence income.
- **Affected business workers/employees:** Indemnity for lost wages for the period of business interruption up to a maximum of 3 months.
- **Relocation allowance:** APs physically displaced will receive a relocation subsidy sufficient to cover transport costs and living expenses for 3 months.
- **Vulnerable Peoples Allowance:** Vulnerable people (APs below poverty line and women or elder/disabled headed households without any other bread-winner member of family) will be given an allowance corresponding to 3 months of minimum subsistence income and other members of such AHs will have priority in employment in project-related jobs. The allowance is to be calculated based on a 5 people family and the monthly-updated benchmarks indicated by the National Statistics Office of Georgia at time of RAP approval¹⁰.

⁸ According to the data of National Statistics office for July2015this value is equal to 322 Gel. The allowance value equals 322 Gel x 3 = 966GEL.

⁹ Compensation by default means that crop compensation will be paid irrespective of whether the crops were already harvested or not at the time of impact. This covers also compensations for income expected from crops on affected agricultural land permanently used for crop cultivation during the recent years. In case if the land was permanently used for crop cultivation, but for the year, when the inventory of losses was conducted, no crops have been planted (due to need of rest to this land or illness of the farmer or any justifiable reason), the land parcel still will be considered as designed for crop cultivation and relevant compensations will be paid

- **Severe Impacts Allowance;** PAPs losing >10% of agricultural land or >10% of non-agricultural income will receive a severe impacts allowance. When >10% of an PAP agricultural land is affected, AP (owners, leaseholders and sharecroppers) will get an additional allowance for severe impacts equal to the market value of a 2 year's gross yield of the land lost. In case if this value is less than 3 months subsidence minimum, than the severely affected PAPs will receive allowance equal to 3 months minimum subsidence. For cases of severe impact on non-agricultural income, the PAPs will be paid additional compensation corresponding to 3 months of minimum subsistence income. This allowance is to be calculated based on a minimum subsistence income for 5 headed household family and the monthly-updated benchmarks indicated by the National Statistics Office of Georgia at time of RAP approval.
- **Community Structures and Public Utilities:** Will be fully replaced or rehabilitated so as to satisfy their pre-project functions.
- **Temporary impact during construction:** All land required for temporary use is to be obtained by the civil works Contractor through voluntary negotiations of lease agreements (e.g., willing leaser-willing-lessee basis). The maximum period for temporary use is defined as 2 years. Lease rates to be paid should not be less than compensation at current market rates for the gross value of 4 year's harvest of crops on the affected lands. It is also required that lands (or other assets) be fully cleared and restored following use

Impacts during construction:

- **Houses, buildings, and structures affected during construction.** In relation to impacts that are not related to land acquisition such as potential damages of vibrations or discomfort caused by road traffic, and assessment of damages will be conducted and corresponding remedial actions (e.g. reparations, etc.) proposed to the affected party. If damages can't be mitigated or fixed, the affected houses and other buildings will be managed in accordance with the principles of the RPF and it will be compensated in full for the whole building irrespective of the specific degree of impact. Compensation will be provided in cash at replacement cost free of deductions for depreciation, transaction costs or salvaged materials. All relevant PAPs are entitled to this provision by default irrespective of the registration status of the affected item. Salvaged materials after demolition of the building are deemed to be owned by the AH.

¹⁰ In case of delay of the RAP implementation and significant changes of the minimum subsidence values for the moment of actual compensation payments, the values valid for the moment of payment will be applied.

4.3.3 Compensation Entitlement Matrix

96. Tasks under the Project will be implemented according to a compensation eligibility and entitlements matrix in line with both Georgia laws and regulation, WB OP 4.12. A summary entitlements matrix specific for this project is included in **Table 4.2** below.

Table 4-2: Compensation Entitlement Matrix

Type of Loss	Application	Definition of APs	Compensation Entitlements
Land			
Permanent loss of agricultural and non-agricultural land (e.g. tower sitting, enhancement of access roads)	PAPs permanently losing agricultural land regardless of impact severity	Registered owners	For agricultural lands - Cash compensation at full replacement cost at current market value without deduction of depreciation value and transaction fees or replacement land of same value of land lost and at location acceptable to PAPs where feasible. If any remaining part of the land owned by the registered owners is no longer appropriate for use, such remaining part will be purchased subject to the agreement with the owner. For non-agricultural lands - Cash compensation at full replacement cost at market value without deduction of depreciation value and transaction fees.
		Legalizable Owner	For agricultural lands - These PAPs will be legalized and provided with cash compensation at full replacement cost of land. This compensation entitlement will also apply to the legalizable owners using unregistered land plots far from their residence, without registration of such land. For non-agricultural lands - these PAPs will receive the cash compensation as legalized owners after their title will be legalized and registered at the public register.
		Renters/Lease	Non eligible for land compensation; though, they are eligible for allowance considered in the Entitlement Matrix for other losses.
		Non-legalizable owners (squatters/encroachers)	Non-legalizable PAPs losing agricultural land plot, which is the only land plot used

Type of Loss	Application	Definition of APs	Compensation Entitlements
			and provides main source of income for AH, will be compensated with one time allowance in cash equal to 1 year of minimum subsistence income (322 GEL X 12 = 3,864 GEL). Besides, they will be paid allowance considered in the Entitlement Matrix for other losses.
Restrictions on use land (e.g. easement for TL's right of way)	PAP not losing their land falling within RoW, but land use restrictions imposed (prohibition of constructing structures and planting trees)	Registered owners	Easement agreement will include a lump sum easement fee payable to the owner. Such fee to be established by an independent valuation experts.
		Legalizable Owner	These PAPs will be legalized and the owner will receive easement fee as a lump sum in the amount to be determined by an independent valuation experts
		Renter/Leaseholder	Not eligible for easement fee for land-use restriction; though, they are eligible for allowance considered in the Entitlement Matrix for other losses.
		Non-legalizable users	Not eligible for easement fee for land-use restriction; however, PAP will receive allowance for other losses, as per Entitlement Matrix.

Buildings and Structures

Residential buildings	Landlords /tenants of houses within the entire RoW are subject to physical displacement, as presence of residential structures within the ROW is prohibited	Registered owners	In addition of compensation for loss of land, PAPs will receive compensation and replacement value for the house and will be provided with resettlement assistance to ensure that the family relocates in a new house with access to services and security of tenure.
		Legalizable Owners	These PAPs will be legalized and in addition of compensation for loss of land, PAPs will receive compensation and replacement value for the house and will be provided with resettlement assistance to ensure that the family relocates in a new house with access to services and security of tenure
		Renter/Leaseholder	Non eligible for compensation for the house. The PAP will be informed well in advance to move and receive the equivalent of three months' rent and support to transport belongings to new location.
		Non-legalizable users	Non eligible for compensation for land, but will receive compensation at full replacement cost for the house and will receive additional assistance to ensure that adequate housing with security of tenure and access to services is provided.
Non-residential structures (barns, irrigation, fences, etc.)	Entire RoW, where deployment of some non-	Registered owners	Compensation at full replacement cost for lost structures, in addition of compensation for loss of land.

Type of Loss	Application	Definition of APs	Compensation Entitlements
	residential structures is prohibited	Legalizable Owner	These PAPs will be legalized and receive compensation at full replacement cost for lost structures, in addition of compensation for loss of land.
		Renter/Leaseholder	Non eligible
		Non-legalizable users	Eligible for compensation at full replacement cost of all structures built by the non-legalizable user
Loss Of Community Infrastructure/Common Property Resources			
Loss of common property and/or resources	Community/Public Assets	Community/Government	Reconstruction of the lost structure or reestablishment of agricultural lands in consultation with community and restoration of their functions
Loss of Income and Livelihood			
Crops	Standing crops affected or loss of planned crop incomes**	All PAPs regardless of legal status (including registered owners, legalizable, non-legalizable users, and renters)	When possible people will be given enough time to harvest existing crops. Crop compensation in cash at gross market value of actual or expected harvest. Compensation for this item will be provided even in case if the crops were harvested. This compensation is in addition for compensation for permanent acquisition of land or easement fee.
Trees	Removal of trees from the ROW	All PAPs regardless of legal status (including registered owners, legalizable, non-legalizable users, and renters)	Cash compensation at market rate on the basis of type, age market price of product and the productive life of the trees. This compensation is in addition for compensation for permanent acquisition of land or easement fee
Business/Employment	Business/employment loss	Business owner	(i). (permanent impact) cash indemnity of 1 year net income; (ii) (temporary impact) cash indemnity of net income for months of business stoppage. Assessment to be based on tax declaration or, in its absence, minimum subsistence income.
		Workers/employees:	Indemnity for lost wages equal to 3 months of minimum subsistence income and job trainings.
Allowances			
Severe Impacts	>10%loss of productive lands	APs losing permanently (sitting of towers) more than 10% of affected agricultural land (including registered owners, legalizable and non-legalizable users.	Additional allowance equivalent to market value of two-year yield from affected land or compensation for 3 months of minimum subsistence income Other income: 1 additional compensation for 3 months of minimum subsistence income. 322

Type of Loss	Application	Definition of APs	Compensation Entitlements
		Renters are not eligible)	GEL per month x 3 months=966 GEL per AH).
Transportation for physical relocation of houses	Transport/transition costs	All PAPs to be physically relocated(including registered owners, legalizable, non-legalizable users, and renters)	Provision of allowance covering transport expenses and a livelihood expenses for the transitional period for 3 months equal to 3 months of minimum subsistence income. 200 GEL as vehicle hire charge +322 GEL as minimum subsistence income x 3 months = 1,166 GEL per AH
Vulnerable people allowances	Impact on vulnerable people	AFs below poverty line, single mother headed household, disabled or elderly	Allowance equivalent to 3 months of minimum subsistence income* and employment priority in project-related jobs 322 GEL as minimum subsistence income per month for 3 months= 966 GEL per AH)
Temporary use of land			
Temporary use of land during construction	Lease of land for project purposes (e.g. camps, storage)	All PAPs	Civil works Contractor will lease land required temporarily during construction on voluntary basis (e.g., willing leaser-willing lessee basis). Landowner will have right to refuse the offer. The maximum period for temporary use is defined as 2 years. Lease rates to be paid should not be less than lease at current market rates, plus compensation for any loss of crops or tress at gross value of 4 year's harvest of crops on the affected lands. It is also required that lands (or other assets) be fully cleared and restored following use.
Construction impacts not related to land acquisition¹¹			
Damages to houses, buildings, and structures affected during construction.	In relation to impacts that are not related to land acquisition such as potential damages of vibrations or discomfort caused by road traffic.	All PAPs regardless of legal status	Construction contractor will conduct assessment of damages, compare with existing baseline information and corresponding remedial actions (e.g. reparations, etc.) proposed to the affected party. If damages cannot be mitigated or fixed the affected houses and other buildings will be managed in accordance to the principles of the RPF, this RAP and it will be compensated in full for the whole building irrespective of the specific degree of impact. Compensation will be provided in cash at replacement cost free of deductions for depreciation, transaction costs or salvaged materials. All relevant PAPs are entitled to this provision by default irrespective of the registration status of the affected item. Salvaged materials after demolition of the building are deemed to be owned by the AH.

¹¹ The requirement should be incorporated in the contract of a construction contractor.

4.3.4 Assistance for Severely affected and Vulnerable AH

97. Vulnerable AH are entitled to an allowance equivalent to 3 months of minimum subsistence income and employment priority in project-related jobs. AHs are considered as vulnerable in case they are registered as poor in the local social services or are women-headed Households with dependent members. AHs including people with disabilities or people in pension age will receive the allowance only if they are registered as poor.

98. The above AH will receive an allowance of 322 GEL x month x 3 months or 966 GEL in all. These figures are taken from the National Statistics Office of Georgia Department data on minimum subsistence income for a family of 5 persons in November 2014. It should be noted that all families irrespective of the size will be compensated.

99. Severely affected AH will receive an additional crop compensation covering two-year yield from affected land or an allowance equal to 3 months of minimum subsistence income, in case the AH is not subject for crop compensation (or when crop compensation value calculated for 1 year is less than 966 GEL).

4.3.5 Valuation and Compensation Rates

4.3.5.1 Principles and Methodology

100. Determination of compensation value for loss of assets and other impacts associated to land acquisition and easement were calculated by an independent valuation expert to be recruited by the Implementing Agency (GSE) in line with the requirements of OP 4.12 and the methodologies describe below:

101. **Replacement value:** The calculation of replacement costs of land and structures will be based on (i) fair market value at the time of dispossession, (ii) transaction/legalization costs, other taxes and fees (iii) transitional and restoration (land preparation and reconstruction) costs, and (v) other applicable payments. In order to ensure compensation at replacement cost, good practice examples in compliance with WB OP 4.12 will be followed for determining the replacement cost of acquired assets.

102. The calculation of unit value is done keeping in consideration the current market rate so as to meet with the replacement cost of the land and lost assets etc. An experienced and registered independent local certified valuator was employed by GSE to do the valuation of land, structures, buildings, trees, crops etc. The approach of the evaluator was to make the assessment for each type of land and assets by location. The valuation was done after the census and DMS were conducted in close collaboration with the company who prepared the map of affected plots with demarcation of affected parts of the land. The independent valuator made site visits for physical verification of each category of the losses. The expert team also took into consideration the reference of previous valuation if available and also used their recommended periodic release of market survey. Based on this methodology the unit rate was derived. The unit rates used in this report are based on the independent valuator's assessment with their standard methods for calculating the sample assets.

4.3.5.2 Determination of Compensation Rates

103. Replacement cost of land has been determined based on existing market rates to the extent possible and adding the applicable transaction cost like registration with the NAPR at the rayon level Registration Office and the rayon PRRC. Market rates were defined taking into account the type of land, its actual use, and location. Land valuation for easement agreements were calculated taking into account the initial cost of the land plot and reduction of this cost (as a real estate value) due to the limitations imposed by the Project.

104. Replacement cost of houses/buildings was determined based on construction type, cost of materials, transportation, types of construction, land preparation, labor, and all other construction costs at current rates. No deduction for depreciation and transaction costs will be applied.

105. Market value of annual crops has been determined at net market rates at the farm gate for the first year crop. In the eventuality that more than one-year compensation is due to the APs the crops after the first will be compensated at gross market value.

106. Fruit trees will be compensated differently if they are productive or not yet productive. Productive trees will be compensated based on the future income lost for the years needed to re-grow a tree at the same age/production potential in which was cut. Nonproductive trees will be compensated based on the cost of seedlings and value of the investment made to grow the tree to the age in which the tree was cut. The timber trees will be cut and given to the owners as a timber. No cash compensation is provide for timber trees.

107. The unit compensation rates recommended by the valuation company have been reviewed and approved by the GSE and will be offered to the APs. Detailed methodology for determining valuations and compensation rates is included in **Annex-1**.

5. INSTITUTIONAL ARRANGEMENTS

5.1 Introduction

108. The Georgian State Electrosystem (GSE) is the implementing agency (IA) for the Project. GSE is responsible for OHL construction as well as land acquisition and resettlement of the PAPs.

109. GSE is assisted by a number of other government departments and private agencies in the design, construction and operation of the Project. Pursuant to the active legislation, National Agency of Public Registry (NAPR) within the Ministry of Justice is in charge of the recognition of ownership rights of rightful owners, registration of land ownership, based on verification and certification from village communities, notaries, property rights recognition commissions at local administration/municipalities. The local/district NAPRs are also responsible for registering the transfer of acquired land from landowners to the GSE. The local governments at district and village levels are involved in the legalization of land parcels, land acquisition and resettlement. The Ministry of Environmental and Natural Resources Protection is responsible for environmental issues.

110. Various features/sections of the OHL Project are located in each of the following municipalities: Akhaltsikhe, Adigeni, (Samtskhe-Javakheti Region) and Khulo, Shuakhevi, Keda, Khelvachauri and Batumi (Adjara Autonomous Republic). All corresponding Sakrebulo, Gamgeoba, Registration Offices and PRRCs will be involved in LAR. Local Sakrebulos and Rtsmunebuli of villages are involved for local level LAR activities.

111. The World Bank (WB) will be financing the Project and will provide advice and supervision on land acquisition activities.

5.2 Land Registration Organizations

112. Under clause 1 of Article 4 of the Law of Georgia on Entitlement of Ownership Rights to Lands Possessed (Employed) by Physical and Legal Persons of Private Law, the representative body of relevant local self-government is authorized to recognize the right of property to land occupied without permit and discharges its authority through the commission. The commission discharges its functions under the formal administration procedure set forth in the VIII Chapter of the General Administration Code of Georgia and under the rule set forth by the said law. Under article 4 of the same law, the body authorized to recognize the right of property to land legally owned (employed) is LEPL National Agency of Public Registry (NAPR) subordinate to the Ministry of Justice of Georgia and discharging the said authority under the rule set by the law. After the decision of the commission about the recognition of the land property right and relevant cadastral drawings are submitted, the National Agency of Public Registry registers the right of property to the land plots in question.

5.2.1 Rtsmunebuli and Gamgeoba at Village (Community) Level

113. Community level Gamgeoba is the executive branch of self-government headed by Rtsmunebuli. Rtsmunebuli has the primary role in the process of legalization and registration of land parcels. Rtsmunebuli confirms ownership of affected land plots, parameters of land plots and endorses the cadastral maps and related data prepared for case of legalization¹². Gamgeobeli plays important role for legalization of non-rightful owners (owners in possession before the enactment of current law on privatization of land in Georgia without prior permission of the government). Gamgeoba has power to authorize¹³ details of the occupied land parcel and verify its usage pattern as the first hand verification and authorization for further consideration in the Property Rights Registration Commission (PRRC) as a basic step for registration with the Public Registry. Neighbours of applicants for legalization have roles in the authorization process. Rtsmunebuli of the villages will be involved in the process of RAP updating and implementation.

5.2.2 Sakrebulo

114. Sakrebulo is the representative branch of self-government at municipal and village level. The village/municipal level Sakrebulo has now less involvement in the process of legalization of legalizable land plots. However, Municipal Sakrebulo assists the PRRC in the process of authorization of application of non-rightful owners.

5.2.3 Property Rights Recognition Commission

115. Under the Law of Georgia on Recognition of the Property Ownership Rights Regarding the Land Plots Owned (Used) by Physical Persons or Legal entities; 2007, the Government of Georgia has established the PRRC at the Rayon level for recognition of ownership rights of non-rightful owners (owners of land plots occupied without permit) for registration. PRRC verifies and authorizes application of ownership for registration with the NAPR. PRRC authorizes application of only those APs, who are not registered but have residential land or agricultural plots adjacent to the residential land (non-rightful land owners, according to definition of Georgian regulations).

5.2.4 National Agency of Public Registry and Rayon Registration Offices

116. The National Agency of Public Registry (NAPR) plays an important role both, in developing and realizing the resettlement action plan. At the stage of developing the resettlement action plan, when the land owners/users are identified and their property rights are specified, the documents proving the property are to be obtained. Some of these documents (books of homesteads and the like) were kept with the archives in the past. At present, the regional archives are at the disposal of the territorial registration offices of the National Agency of Public Registry. The materials preserved with the archives of the territorial registration offices are an important source for the owners who have to legalize¹⁴ their rights to property, but have no full supporting documentation at hand, to obtain¹ the documents proving their land property rights.

¹² Owners for legalization of their unregistered land parcels, in normal procedure, use the services of private mapping agencies and experts on payment for preparation of land details (maps and plot parameters). In case of this project, the consultants have been assisting in preparing basic documents like maps and plot details.

¹³ This is not mandatory but one of the possible procedures for legalization of the non-rightful owners. Witnesses' signature confirmed by Notary Public is also legally acceptable for confirmation of non-rightful ownership of land plot.

¹⁴ —Legalization means recognition of the right of property set/envisaged by Decree No. 525 of the President of Georgia of September 15, 2007 —On the rule to recognize the Ownership Rights to Lands Possessed (Employed) by Physical and Legal Persons of Private Law and approving the form of the certificate of the right to property.

The role of the National Agency of Public Registry in realizing the resettlement action plan is even more important, as under the Law of Georgia —On Public Registry¹¹, the National Agency of Public Registry is the registering body discharging the public and legal authorization set forth by the law, which registers the property right of the lands of the affected persons (PAPs) (termed as the —Primary registration¹¹ as per the resettlement action plan terminology) and registering the legal act of transferring the property right from the owner to the state¹¹ (—Secondary registration).

117. The territorial registration offices of the National Agency of Public Registry closely cooperate with the teams working on developing and realizing the resettlement action plan. Such cooperation in the first instance, means making the documents preserved with the archives of the territorial registration offices of the Agency available.

5.3 Land Acquisition and Resettlement Organizations

5.3.1 GSE – Georgian State Electrosystem

118. GSE has the overall responsibility of design, land acquisition and resettlement, construction, construction monitoring and supervision of the TGS and Akhaltsikhe-Batumi OHL Project. This also includes financing and executing land acquisition and resettlement tasks and cross-agency coordination. GSE will exercise its functions through its existing Resettlement Management Team (RMT), which consists of representatives of Permits Unit, Legal Department and Environmental and Social Safeguards Unit of GSE. .

A Resettlement Management Team (RMT) having specific experience and skills in land acquisition and resettlement (LAR), is responsible for LAR activities related to the project. RMT is responsible for supervision of all technical work to accomplish RAP preparation and implementation tasks and coordination within the GSE, as well as at central and local government levels.

119. The specific tasks of the GSE RMT will be to (i) Ensure updating RAP following appropriate procedures as per RPF and send to donor WB for approval, (ii) supervise preparation of RAP for construction contracts and implement it after concurrence from donor IFI; (iii) establish land acquisition and resettlement (LAR) capacity at the regional level; (iv) ensure proper internal monitoring; and (v) hire, following the donor IFI recommendation the external monitoring agency. RMT will also provide all necessary documentation to ensure the prompt allocation of land acquisition and resettlement budgets to the PAPs and will maintain the coordination of all land acquisition and resettlement related activities.

120. The GSE is responsible for ensuring that an independent agency/company for RAP preparation is engaged to conduct any survey and documentation, including cadastral survey, PAPs census, inventory of losses, and valuation of land and assets for replacement value. RAP will be prepared based on findings of the surveys following the final OHL RoW as per detailed engineering design.

¹¹ Including registration of Servitude Agreements.

121. Based on the GSE's decision and the prices for land acquisition and easements, the offer of purchase of land parcels shall be undertaken. If PAP agrees on the acquisition he/she will confirm such agreement in writing by signing the Sales/Purchase Agreement that will be registered with the Public Registry. This agreement will serve as the basis for compensation payment processing and release. If agreement is not reached between the PAP and the GSE Resettlement Management Team later will take decision to start expropriation.

5.3.2 Municipal LAR Team

122. Municipal LAR Team will be an informal group established through participation of municipal and village authorities and PAPs in order to provide technical assistance to the GSE in the preparation and implementation of the RAP. The assistance includes identification of the affected landowners and users, defining the boundaries of land parcels, obtaining data on ownership, relations with PAPs, settling disputes in an informal way, ensuring unimpeded legalization of legalizable land plots, etc. Municipal LAR Team comprises the Municipal Team (at the municipal level) and LAR Working Groups at the village level. The municipal level team is represented by the Gamgebeli, head of the local office of NAPR (National Agency of Public Registry), and representatives of affected villages and Resettlement Management Team (RMT) of the GSE. By instructions of the Municipal LAR Team, LAR Working Groups comprising village representatives (*Rtsmunebuli*), competent technical specialists (at least one person) delegated by them and RU representatives shall be established in each village. LAR Working Groups shall assist the Consultant hired by the GSE in identification of PAPs, determining the boundaries of land parcels and communication with the local community. *Rtsmunebuli* shall verify with his signature the list of affected land owners and users as well as the measuring and inventorying of each affected land plot by the GSE Consultant in attendance of land owners. The staff of NAPR local office and social service agency shall collaborate with the LAR Working Groups assisting them in obtaining archive documents, determining the social status of the PAPs and registration of their property. Based on the LARP recommendations RMT of the GSE shall start negotiations with the PAPs on the purchase of affected land plots and other assets in order to compensate their losses. In case of agreement APs will sign contract agreement indicating that they accept the compensation provided to them and the contract shall be registered at NAPR. During the negotiations and property registration the Resettlement Team of the GSE shall be assisted by LAR group (both working groups and municipal team) members, including village *Rtsmunebuli*, NAPR local office staff, etc. A purchase agreement is the basis for compensation payment. If the negotiation between a PAP and LAR team fails, the LAR team shall notify the GSE which will start the expropriation process. At the same time LAR Team shall inform the PAPs about the availability of grievance redress mechanism (see Section 9), which can be used for informal pre-litigation resolution of disputes.

5.3.3 Local Governments

123. Local administration especially at municipal level has direct jurisdiction for land administration, valuation, verification and acquisition. To confirm the surveys and the asset valuations carried out by the LAR consultants, GSE through its consultants will establish Municipal Level LAR Teams which will have designated officials from the municipal administration (Municipal *Sakrebulo*; *Gamgebeli*) and representatives of each affected village/community administration (representatives of all affected community/village level *Sakrebulos* and *Gamgebelis*). The municipal level LAR Teams will be formed in the all affected municipalities who are working closely with the consultants and GSE. LAR Teams of municipalities are participating in RAP preparation and implementation.

5.4 Other Organizations and Agencies

5.4.1 Civil Works Contractor

124. A Civil Works Contractor to be appointed by the GSE to undertake the construction will be responsible for mitigating impacts resulting from the construction activities. Based on the RAP and the Technical Design, the parcel of land that will be identified and acquired as part of OHL ROW will be demarcated to clearly delineate it from the remaining non-acquired parts. The construction activities shall be monitored closely by the GSE to ensure compliance to the temporary mitigating measures

5.4.2 Consultants and Auditors

The design consultant will be responsible for preparation and GSE for implementation of RAP and a construction supervision consultant will be in place to supervise civil works construction.

- (i) Design Consultant: The design consultant has an international social development and resettlement specialist and a national resettlement / social specialist for finalizing RAP for each construction stage. The design consultant has hired a survey agency for land acquisition and resettlement survey and documentation including census, socioeconomic survey and inventory of losses. GSE has engaged the certified independent valuator for valuation of land and assets for replacement value. Final RAP will be prepared based on findings of the surveys following the final OHL routing as per detailed engineering design.
- (ii) Social Safeguards Consultant (SSC): will oversee implementation of RAP and will prepare compliance reports before the civil works start.
- (iii) Local Resettlement Consultant (LRC): will assist GSE Resettlement Team during the RAP implementation and oversee all resettlement related issues that may arise during the construction.
- (iv) The Supervision Company will oversee temporary or unforeseeable resettlement impacts arising during the civil works

5.4.3 Court of Georgia

125. The Court of Georgia shall be the last resort for issues and concerns regarding the implementation of the RAP. In case there is no agreement between the GSE and the PAPs concerning the acquisition of private properties, the GSE with the mandate for expropriation based on existing legislations will submit to the Court a request for expropriation. The GSE will get the targeted assets after obtaining the expropriation right and implementing respective procedures. Upon its approval and following prescribed procedure, GSE will then take over the concerned property after having been given by the Court the right of the Expropriator.

126. Furthermore, in cases where complaints and grievances regarding RAP implementation and compensation are not solved at the various levels as prescribed in the agreed Grievance Redress Mechanism, the APs will have the right to appeal the case to the Court as a last resort. Its decision shall be final and executory.

5.4.4 Ministry of Finance

127. The budgets for the RAP implementation will be provided to GSE by the Ministry of Finance following its official approval. The RAP budget will be allocated on the accounts of GSE (or its fiscal agent) that is responsible for the financial management of the project.

5.4.5 Ministry of Justice

128. The Ministry of Justice is responsible for legal matters regarding land ownership, and

National Agency of Public Registry (NAPR) within the Ministry of Justice is in charge of the registration of land ownership and its transfer through purchase agreement from landowners to the GSE, as well as registration of the easement agreements.

5.4.6 Donor WB

129. Besides supervising the Project periodically, the WB will review RAP and provide clearance to contract awards signing and initiation of civil works for construction under the Project.

130. An organization chart showing all the concerned institutions to be involved in the LAR activities is depicted in Figure 5.1:

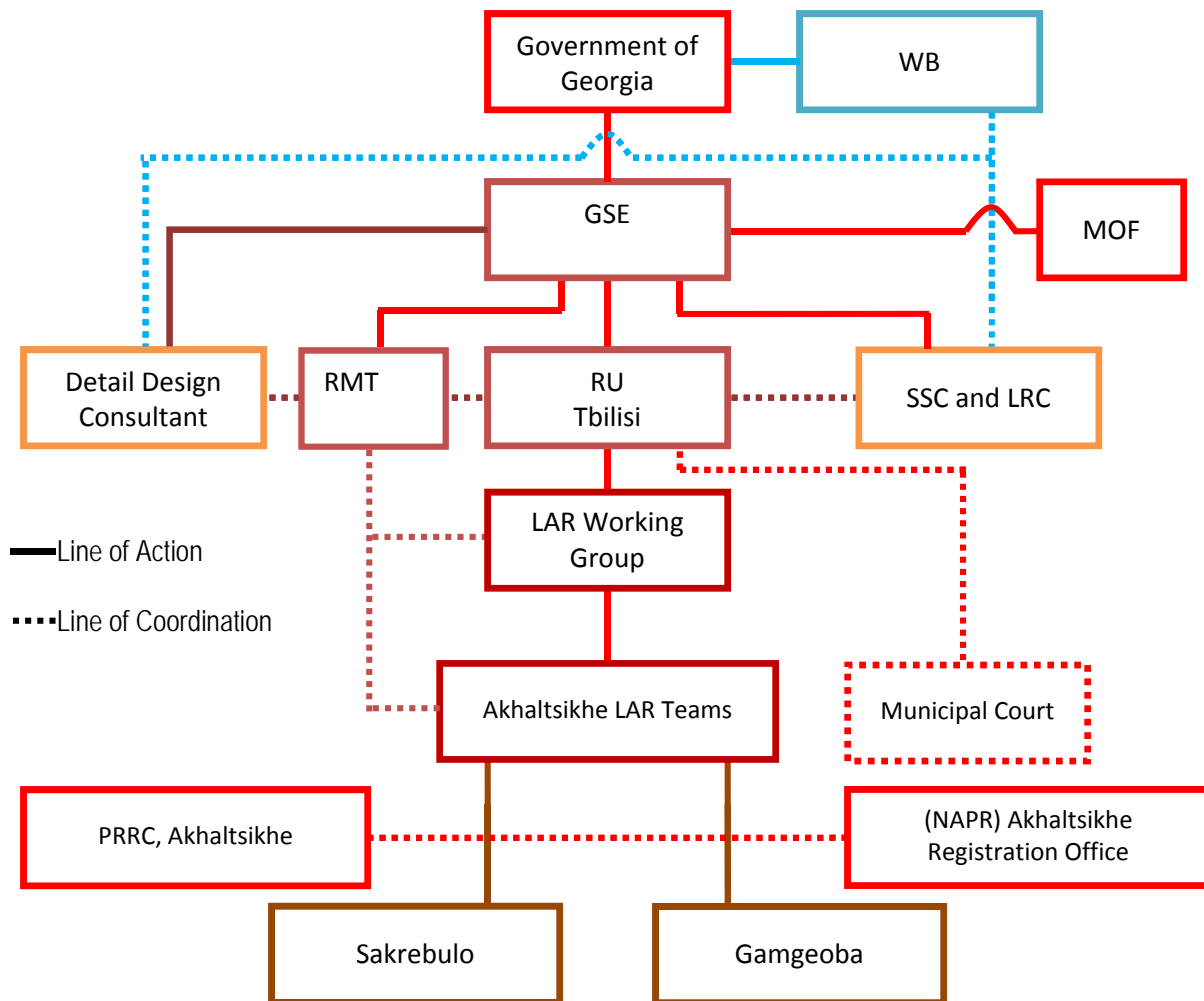
5.5 Capacity Building on LAR

131. Initial level of capacity building exercise in the relevant agencies was carried out during the preparation of RAP at the feasibility study. Close consultations were held with all the concerned departments. GSE has established Resettlement Management Team dealing with land acquisition and resettlement. Training will be provided by the consultant's resettlement specialist to the officials on the requirements of WB OP 4.12 policy and how to develop a balanced compensation package fulfilling the requirements of PAPs, Government, GSE, donor IFIs. Capacity building training will also be initiated through a series of consultations and informal training sessions in the local administration level. The representatives of GSE at regional level are also responsible for the planning of LAR activities and for coordinating with the municipal administration. Municipal level LAR Teams will be formed at each municipality that will be responsible for LAR activities assisting the LARC of the GSE in the process of RAP implementation.

132. In terms of capacity and manpower resources within Resettlement Team of the GSE, some expansion of the capacity on LAR is desired to allow an effective execution of all LAR related tasks for the project. The Environmental and Social Safeguards Unit (ESSU) was established within GSE in 2013. Currently, besides the head of the Unit, there is one social safeguards specialist in the staff. Current resettlement capacity of the GSE needs strengthening to ensure full Social Safeguards compliance of the Project. GSE also needs Local Resettlement Consultant (LRC) as a consultant assisting in implementation of RAP. Thus, the Resettlement Team should be assisted by two resettlement consultants – Social Safeguards Consultant and Local Resettlement Consultant (LRC). Additional trainings for Resettlement Team staff and engaged Consultants is considered as necessary by GSE. The detailed planning and negotiation with WB is under the way. All concerned staff both at RMT, LARC, at municipal and field levels involved in LAR activities will undergo training on WB resettlement policy and management. The training will be provided under the relevant WB programs for capacity building of executing agencies on involuntary resettlement. Training will cover the following topics:

- (i) Principles and procedures of land acquisition (WB and GOG);
- (ii) Stakeholders of the project
- (iii) Organizations involved in the process of land acquisition and resettlement and their roles
- (iv) Public consultation and participation process;
- (v) Entitlements and compensation disbursement mechanisms;
- (vi) Grievance redress; and
- (vii) Monitoring of resettlement operations.

Figure 5.1 LAR Organization Chart



6. CONSULTATION, AND PARTICIPATION

6.1 Introduction

133. Consultation and participation is a process through which stakeholders influence and share control over development initiatives, and the decisions and resources that affect them. It is a two way process where the executing agencies, policy makers, beneficiaries and AP discuss and share their concerns in a project process. Consultation and participation has been a major principle in the planning and preparation of the detailed design of the Project. WB OP 4.12 gives high priority on public consultation and participation to enhance the community voice and assure incorporation of community's views in design and implementation of a socially and environmentally compliant project. The Georgian laws also place strong emphasis on consultation and notification to ensure that the AP participate in the process.

134. The focus of these consultations are to ensure that the AP and other stakeholders are informed, educated, consulted and allowed to participate actively in the process of road development and preparation of social and resettlement plan; reducing public resistance to change; helping mitigate and minimize any probable negative impact and bringing in the benefit of the project to the people. The project design and preparation of land acquisition and resettlement plans, therefore, attempted consultation and participation of the AP and communities to incorporate their views, needs and aspirations into the Project components. The consultation process has stepped up at basic design through public consultation meetings and individual contacts during land acquisition and resettlement surveys in May 2015. The public consultations have been completed in July 2015. Detailed information on consultation meetings is given in annex 4.

6.2 Consultation Process and Methodology

135. Consultation with local communities and government bodies in the project process was instrumental for alignment demarcation and selection of route, tower sites for the Akhaltsikhe – Batumi 220kV OHL. The route of the project OHL underwent several adjustments to avoid dense settlement, environmentally protected areas, civic amenities, and land acquisition. The public consultation process entailed clearly explaining the project and its impacts to the community through introducing the project and its impacts through leaflets in local language, clearly explaining to the communities in informal and formal consultation meetings and individual level discussion during the census and detailed measurement surveys of land and property.

136. Consultation with the APs in the project affected areas were conducted during the basic design stage of RAP preparation. The methodology includes walk-through informal group discussion, focused group discussion, individual interview, key informant interviews, and informal discussion. The APs, their community, and local government officials were consulted to inform, educate and provide feedback in the project design.

137. Specifically for this RAP the APs were consulted through individual contact during the census survey at the basic design stage, all likely AP persons were consulted through community level meetings and through individual contact at the time of census, socioeconomic survey and detail measurement survey.

138. Various methods used for stakeholder's consultation and participation with concerned stakeholders are described in Table 6.1.

Table 6.1: Summary on stakeholders consulted and consultation methods

Stakeholders	Purpose	Method
Likely APs and their community	<ul style="list-style-type: none"> To inform the APs, get their views on likely impacts, eligibility and entitlements, as well as procedures for compensation, relocation and rehabilitation. 	<ul style="list-style-type: none"> Meetings with all AH during the implementation of the socio-economic survey. Focus group discussions and village meetings
GSE including its Resettlement Management Team (RMT)	<ul style="list-style-type: none"> To collect government's policy, guidelines priorities on the project, and to seek advise for work. 	<ul style="list-style-type: none"> Frequent individual meetings with the officials of GSE
National Agency for Public Registry under the ministry of Justice	<ul style="list-style-type: none"> To collect the cadastral map and to know the details of the affected parcels and people 	<ul style="list-style-type: none"> Consultation and discussion with officials
Local Government at Rayon Level (District Municipality), Rtsmunebuli	<ul style="list-style-type: none"> To seek their cooperation for carrying out the impact assessment survey and to sort out the problem related to missing plots (Legalizable Owners) 	<ul style="list-style-type: none"> Individual meetings with the officials of respective rayons and discussions
Property Recognition Commission in the Rayon Level and Sakrebulo	<ul style="list-style-type: none"> To seek their cooperation for carrying out the impact assessment survey and to sort out the problem related to missing plots (Legalizable Owners) 	<ul style="list-style-type: none"> Meeting and training

6.3 Summary of Consultation during Feasibility Study

139. The major findings of the consultations held at various locations during the feasibility study are summarized below.

- (i) The likely APs and their community are aware about the project.
- (ii) APs losing their properties expected a proper compensation package.
- (iii) The structure owners request adequate compensation to rebuild their structure at alternative site. They should get advance notice for relocation.
- (iv) At the Detailed Design stage the risks of landslide triggering and related impacts on residential houses should be carefully analyzed through the detailed geological studies and new alignment or engineering solutions should be proposed in case if the risk is confirmed.
- (v) Government should provide the alternative land to the landless people for their relocation, when it is physically possible. However, it should be noted that the state land reserves are limited.
- (vi) The compensation should be based on the fair assessment.
- (vii) Contractors should be advised by the project authority to employ the local people.

6.4 Consultation meetings with the APs during RAP Preparation

140. Consultation Process is completed: meetings in all affected municipalities have been carried out and information leaflets distributed. The protocols of these meetings are reflected in the Draft RAP to be completed with the completion of the Detailed Design (Annex 3).

6.5 Changes in LAR approach following the meetings

141. Following this meeting appropriate modification to the planned compensation program will be made. This was to more precisely differentiate the value of fruit trees taking into account that this is the region where fruit production is one of the core businesses. The main outcome of the consultation meetings was engagement of AHs and local authorities in land demarcation process. This is specifically important for this region as the land ownership is mostly based on traditional right, rather than legal documents with proper drawings.

6.6 Consultation and Participation Plan

142. RMT on behalf of GSE will pursue information disclosure for effective implementation and timely execution of RAP. Village level consultations with APs will be conducted during the implementation process. For the benefit of the community in general and APs in particular, RAP will be made available in concerned offices at rayon Sakrebulo and the community level Gamgeoba. An information leaflet (in Georgian) will be distributed among the APs and their community. A copy of the English version of RAP Leaflet is attached in Annex-2.

143. For continued consultations, the following steps are envisaged in the project:

- (i) Final RAP will be disclosed upon receiving approval from the WB
- (ii) GSE will organize public meetings and will apprise the communities about the progress in the implementation of resettlement, and social activities.
- (iii) SE through its RMT will organize public meetings to inform the community about the compensation and assistance to be paid. Regular update of the progress of the resettlement component of the project will be placed for public display at the local level GSE office and at local Municipal Office.
- (iv) All monitoring and evaluation reports of RAP component of the project will be disclosed to the community.
- (v) Key features of the entitlements will be disclosed along the project corridor.
- (vi) GSE will conduct information dissemination sessions at Gamgeoba and solicit the help of the local community leaders to encourage the participation of the APs in RAP implementation.
- (vii) Attempts will be made to ensure that vulnerable groups understand the process and to take their specific needs into account.
- (viii) All PAPs should be provided a contact information of the person from local municipality/GSE who will provide feedback on all the issues concerning the project

6.7 Disclosure

144. Electronic version of the Final RAP will be placed on GSE web-site. The summary of RAP will be translated into local language (Georgian) and will be disclosed to APs at local level. The copy of the RAP (Georgian version) will be available at the concerned offices of Akhaltsikhe Municipality. The final RAP will be submitted to the WB for approval and signing of contract awards will follow after completion of legalization of the legalizable owners of the land parcels under acquisition.

7. GRIEVANCE REDRESS MECHANISM

7.1 Objectives

145. A grievance redress mechanism will be established to allow an AP to complain about any decision of activities regarding temporary or permanent loss of their land, assets or sources of income and their compensation. Grievance resolution is a two-stage process, including:

146. Stage 1 – informal (oral) review of the AP's complaint (whether written or oral). At this stage the AP's complaint shall be reviewed in an informal (oral) way and the Committee members of both levels (the composition of the committee is specified in this Section) shall make and sign the minutes on the matter. If at Stage 1 the AP's complaint is not resolved the AP should be informed about grievance resolution procedures of Stage 2. An AP has the right to use the procedures of Stage 2 without applying to Stage 1 procedures.

147. Stage 2 – review of AP's complaint. For Stage 2 of grievance resolution process the GSE shall establish a Grievance Redress Committee (GRC) for the whole period of the project implementation. GRC shall review the written complaints of APs, which were not satisfied at Stage 1. At stage 2 the AP's complaint shall be resolved and GRC shall make a decision in compliance with the Administrative Code of Georgia. The present RAP specifies the procedures of establishing GRC and its composition. The RMT of the GSE is responsible for establishing GRC.

148. Grievance redress procedure of Stage 1 is an informal tool of dispute resolution allowing APs and the project implementation team to resolve the disagreement without any formal procedures, procrastination and impediments. The international experience of resettlement shows that such informal grievance redress mechanism helps to solve most of the complaints without formal procedures (i.e. without using the procedures specified in the Administrative Code or litigation). This mechanism enables unimpeded implementation of the Project and timely satisfaction of complaints. If the AP is not satisfied, the grievance redress mechanism should assist him/her in lodging an official complaint in accordance with the procedures of Stage 2 (the plaintiff should be informed of his/her rights and obligations, rules and procedures of making a complaint, format of complaint, terms of complaint submission, etc)

149. The grievance redress mechanism shall deal with the issues of land and other assets acquisition (e.g. amount of compensation, suitability of residual land plots, loss of access roads, etc) as well as the losses and damages caused by the construction works, e.g. temporary or permanent occupation of land by the contractor. Therefore the grievance redress mechanism shall be in place by the time the GSE starts negotiations with the APs and shall function until the completion of the construction.

150. At the RAP preparation stage during the consultations meetings and negotiations the APs shall be fully informed of the grievance redress mechanism, its functions, procedures, contact persons and rules of making complaints through oral information and booklets. Care will always be taken to prevent grievances rather than going through Stage 2. The achievement of this goal can be ensured through careful planning and preparation of RAP, active participation of APs, effective consultations, proper communication and coordination among local communities, GSE and local authorities.

7.2 Formation of GRC

151. A Grievance Redress Committee (GRC) is an informal grievance redress mechanism at Stage 1. This informal body will be established at community level in each Gamgeoba (village/community authority). The GRC shall include representatives of Rayon LAR Teams and local communities. The GSE representative in the Rayon LAR Team shall coordinate the GRC formation. He/she will then be responsible for the coordination of GRC activities and organizing meetings. In addition, GRC shall comprise village Rtsmunebuli or his/her representative, representatives of APs, women APs (if any), and appropriate local NGOs to allow voices of the affected communities to be heard and ensure a participatory decision-making process. If the complainants are not satisfied with the GRC decisions, they can always use the procedures of Stage 2 of grievance resolution process.

152. GRCs will be established at the community level at Gamgeoba with provision of 6 members of following composition¹²:

(i) Representative of RMT of GSE	:	Convener
(ii) Representative Rayon LAR team	:	Member Secretary
(iii) Gamgebeli – concerned Gamgeoba (village level)	:	Member
(iv) Representative of APs	:	Member
(v) Representative of Women APs	:	Member
(vi) Representative local NGO	:	Member
(vii) LAR Specialist of Supervision Consultants	:	Member

This informal structure could be established by simple protocol during the first working session.

For Stage 2 of grievance resolution process a commission comprising at least 3 members shall be established by order of the GSE. The Order shall also state that if necessary representative of local authorities, NGOs, auditors, APs and any other persons or entities can be included in the commission as its members.

7.3 Grievance Resolution Process

153. Stage 1 – The member secretary of GRCs and Rayon level LAR Team will be regularly available and accessible for APs to address concerns and grievances. The APs shall be informed of the details of contact persons to whom complaints were submitted. The contractor Rtsmunebuli and Sakrebulo shall be warned that all complaints they may be received from APs shall be immediately submitted to the contact persons of GRC (coordinator and secretary), which will then organize a meeting and informally review the complaint with the aggrieved AP. If the AP is not satisfied, the GRC shall assist him/her in lodging an official complaint to the Commission established by order of the GSE. The complaints and grievances from the APs will be addressed through the process described below in Table 7.1

¹² The role of the GRC is to be a mediator in negotiations between the Government (GSE) and the PAPs but not to give a mandatory solutions through any voting process. The members have equal rights. The decision is not made by mechanical voting, but on a consensus basis and is supported by documental materials explaining the details of the case and protocols of meetings with a brief review of expressed opinions and proposed solutions. Different proposals could be discussed. Out of proposed variety of solutions, the spectrum of alternatives acceptable for the Government is decided by GSE and then these alternatives are discussed with the PAP. In case if PAP proposes his new option of solution, this could be added to the agenda in case if it is deemed as acceptable for GSE. The role of the Committee is not to define a solution by any voting process. In case when the solutions are found acceptable both for GSE and PAPs, the informal negotiations under the GRC are deemed to be successful and in case if no agreement is achieved, the GRC cannot impose any decisions to the parties. Further grievance resolution process is (or could be) passed to Court.

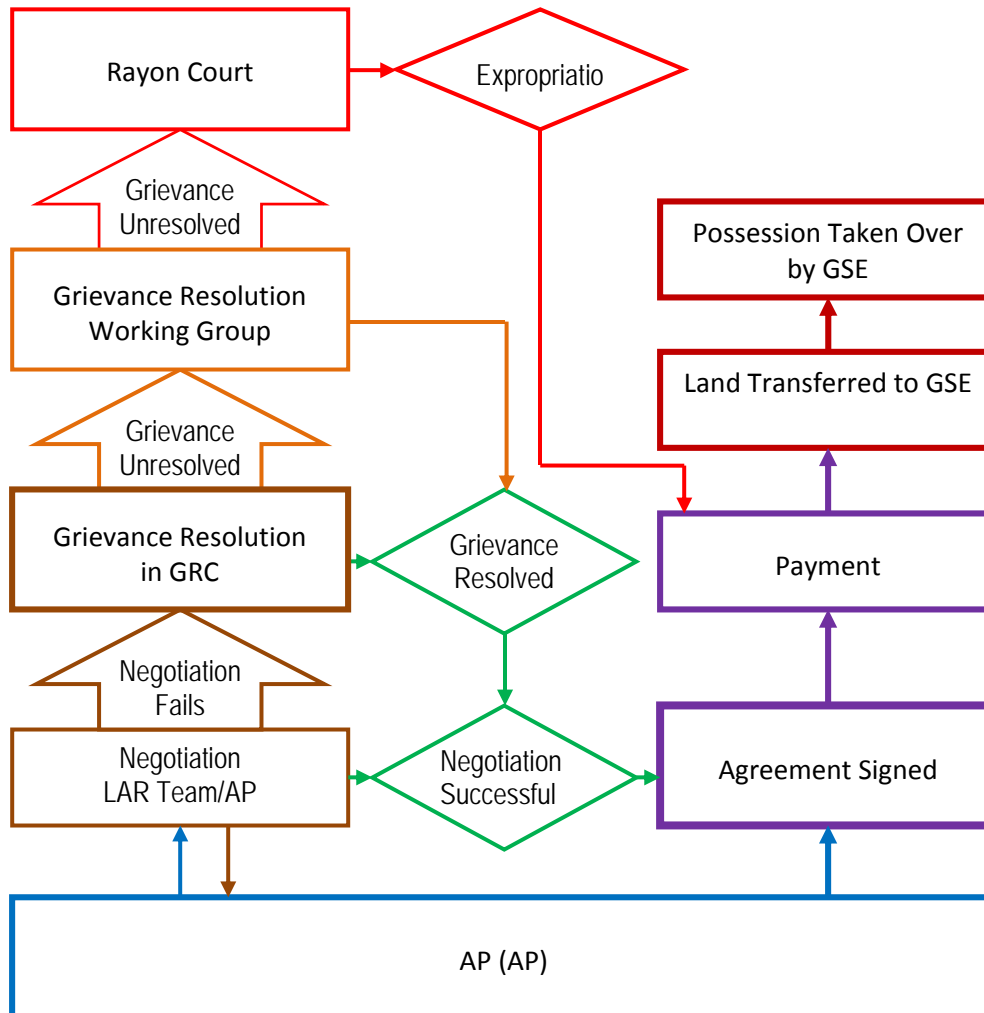
Table 7.1: Grievance Resolution Process

Steps	Action level	Process
Step 1	Negotiations with APs	The complaint is informally reviewed by the GRC, which takes all necessary measures to resolve the dispute amicably.
Step 2	GRC Resolution	If the grievance is not solved during the negotiations, the GRC will assist the aggrieved APs to formally lodge the grievances to the GRC.
		<p>The aggrieved APs shall submit their complaints to the GRC within 1 week after completion of the negotiations at the village level. The aggrieved AP shall produce documents supporting his/her claim. The GRC member secretary will review the complaint and prepare a Case File for GRC hearing and resolution. A formal hearing will be held with the GRC at a date fixed by the GRC member secretary in consultation with Convener and the aggrieved APs.</p> <p>On the date of hearing, the aggrieved AP will appear before the GRC at the Gamgeoba office for consideration of grievance. The member secretary will note down the statements of the complainant and document all details of the claim.</p> <p>The decisions from majority of the members will be considered final from the GRC at Stage 1 and will be issued by the Convener and signed by other members of the GRC. The case record will be updated and the decision will be communicated to the complainant AP.</p>
Step 3	Decision from central GSE	<p>If any aggrieved AP is unsatisfied with the GRC decision, the next option will be to lodge grievances to the GSE at the national level. The GSE shall review the complaint in compliance with the procedures specified in the Administrative Code of Georgia.</p> <p>GRC should assist the plaintiff in lodging an official complaint (the plaintiff should be informed of his/her rights and obligations, rules and procedures of making a complaint, format of complaint, terms of complaint submission, etc).</p> <p>The plaintiff shall be informed of the decision.</p>
Step 4	Court decision	<p>If the GSE decision fails to satisfy the aggrieved APs, they can pursue further action by submitting their case to the appropriate court of law (Rayon Court).</p> <p>The aggrieved AP can take a legal action not only about the amount of compensation but also any other issues, e.g. occupation of their land by the contractor without their consent, damage or loss of their property, restrictions on the use of land/assets, etc.</p>

7.4 GRC Records and Documentation

154. RMT of GSE headquarters will keep record of complaints (Grievance Logs) received for its use as well as for review by the WB during regular supervisions.

Figure 7.1 Grievance Resolution and Acquisition Process



8. IMPLEMENTATION SCHEDULE

155. The time bound implementation schedule of the RAP has been prepared in consultation with the GSE. All activities related to LAR have been planned to ensure that compensation is paid prior to displacement and commencement of civil works construction. The most important acquisition activity, relating to the privatization process in Georgia, is the legalization of legalizable owners of the identified land parcels for acquisition. The legal status of the project affected land parcels that belong to Akhaltsikhe Municipality has been identified through title search during the land acquisition and resettlement survey and documentation work in May-July 2015. The titled and non-titled but legalizable owners of land parcels to be acquired have been identified during the survey.

156. The present RAP is subject to updates and changes, although changes are expected to be minimal. GSE has reviewed and approved this document including compensation package and compensation rates and forwarded to the WB for approval. Tasks for the RAP are divided into (i) Final Preparation including RAP approval and various Initial tasks including legalization of legalizable APs and signing of contracts with APs; (ii) RAP implementation including processing and making payment of compensation and allowances and (iii) evaluation of implementation. Public consultation, internal monitoring and grievance redress will be undertaken intermittently throughout the project duration. The LAR milestones include (i) approval of RAP, (ii) Signing of contract awards, (iii) letter to proceed for civil works construction and (iv) start of physical civil works. A post –implementation evaluation will be carried out after completion of RAP implementation.

8.2 RAP Approval and Initial Tasks

157. The Resettlement Management Team (RMT) of the GSE sets up relevant institutions and line up LARC, Working Group/LAR Team, GRC and the like for the Project. The draft RAP and supplemented technical attachments will be submitted to the Government to initiate review of these documents and taking the decision by the Government regarding the form and legal procedures needed for paying compensation to the category of land owners classified as legalizable (Category 2). It is advised and expected that a special Decree will be issued by the Government to regulate the matter and ensure that a mechanism for executing compensation payments is established.¹³ After that, the preliminary agreements will be signed with the affected households, with understanding that this is draft RAP and some changes may be introduced during the finalization of RAP with the detailed design.

158. Upon completion of the design from the detail design consultant, GSE will update the RAP and prepare Final RAP including compensation rates. GSE will submit the approved RAP to WB for approval. Meanwhile, GSE will implement actions for legalization of legalizable owners listed in the ACS of RAP (ACS-I) at the field level. All arrangements will be set for signing the contract agreement with the APs and the process will be executed for land purchase and compensation agreements. The capacity building exercise will be enhanced during this stage. Representatives of the APs and NGOs may be involved in LAR training at this stage. After completion of legalization of all legalizable land parcels under RAP, a n d compensation of all PAPs the GSE will award civil works contracts (signing of contract awards). The initial LAR activities will be the following:

- (i) Establishment of LAR Institutions and GRM;
- (ii) Legalization of Rightful owners of land parcels;
- (iii) Agreement with APs and signing contract agreements;
- (iv) Updating of LAR Budgets and ACS-I;
- (v) Confirmation of updated impact data and of compensation amounts;
- (vi) Approval of RAP by WB and Government.

¹³ The Government Decree is needed especially for Adjara case, as there is no legal basis of legalization of the most part of agricultural land plots. The Decree has been issued after completion of the RAP 1,2, and 3. However, the update of this Decree is discussed currently. The Decree will be issued for the moment of completion of the Final RAP.

8.3 RAP Implementation

159. Payment of compensation and allowances under RAP will commence after a number of preparatory tasks have been completed. These preparatory tasks are from (i) to (v), according to the entire list of RAP tasks presented below:

- (i) Disclosure and consultation
- (ii) Capacity building training of LAR institutions, APs and NGOs
- (iii) Establishment of a grievance redress mechanism
- (iv) Signing of contracts with APs
- (v) Transfer of compensation and allowance to APs' bank account and registration of land in PR on GSE name
- (vi) Compliance review and reporting
- (vii) Notice to proceed for Civil works construction
- (viii) Relocation of affected structures/ assets
- (ix) Monitoring

8.4 Post Implementation Evaluation

160. I phase of the post-implementation evaluation (Compliance Report) will be conducted immediately after completion of the RAP implementation and before start of the civil works construction; Phase II post-implementation evaluation will be conducted after completion of construction. An independent External Monitoring Agency (EMA) will carry out the evaluation. The EMA will carry out interim monitoring on a quarterly basis. In case, if the CSC is engaged at the stages when external monitoring is required, the CSC may have the responsibility for the external monitoring and post implementation evaluation.

8.5 RAP Implementation Time Schedule

161. The time bound RAP implementation is presented in Figure 8.1. Land purchase agreements and payment of compensation and allowances will go simultaneously and a sequence of one week time from offer of compensation to agreement, agreement to requisition and requisition to payment transfer is considered. A buffer period of one month has been included in the schedule for relocation of housing. Relocation of housing will also go by sections. Under the circumstances, the implementation schedule may include phased approach for civil works construction.

Compensation will be deposited in the Treasury account for unsolved cases and to deal with absentee owners or cases taken to court. In case if despite the all efforts, the absentee owners are not available for compensation during the project life-time, the deposited sum will be relocated from the project budget line, to the GSE account in the Treasury and compensation will be paid to the land owner, as soon as he becomes available.

9. COSTS AND FINANCING

9.1 General

162. The land acquisition and resettlement cost estimate under RAP includes eligible compensation, resettlement allowances and support cost for implementation of LAR tasks. The support cost, which includes administrative expense, is part of the overall project cost. Contingency provisions (@ 10% of the total cost) have also been included to take into account variations from this estimate at the negotiation for contract agreement level. In case of any over-run in cost, GSE will provide additional funds as needed in a timely fashion. GSE through the approval of Ministry of Finance will be responsible for allocating the RAP Budget in advance as part of their overall annual budget planning. Items of LAR cost estimate under the RAP are as follows:

- (i) Compensation for agricultural, residential and commercial land at replacement value
- (ii) Easement payments for imposed limitation on land use (prohibition of planting trees or construction of buildings within the RoW)
- (iii) Compensation for structures and buildings at their replacement cost
- (iv) Compensation for crops and trees
- (v) Assistance for severely affected AH
- (vi) Assistance for vulnerable groups for their livelihood restoration
- (vii) Cost for implementation of RAP.

9.2 Itemized Budgets

163. The following section deals with calculations for various types of compensation and allowances as per the entitlements and as per the rates determined at current market cost. Compensation will be provided at least at the rates detailed in this RAP although some modification in excess will be possible during the discussions preceding the signing of the contract.

9.2.1 Compensation for Land

164. Compensation and easement prices for land has been derived based on the feedback from the affected people and from the independent evaluator. The compensable land is categorized in to 3 types such as agricultural and non-agricultural (commercial or residential), located close to the Batumi-Akhaltzikhe mainline road and land parcels located far from the road. Cost of residual land unviable for cultivation is included in the costs. The costs for various categories of land loss are given in Table 9.1.

165. The easement price for type 1,2 and 3 land is derived as a difference between the market cost of this type of land (current status/ 1.5; 0.23; 0.11 GEL correspondingly). For the land plots of type 1 and 2 imposed restrictions are not tangible: They lose only 15% of initial market value due to partial restriction of growing tall trees (higher than 4m).

Table 9.1.A. Cost for Permanent Land Acquisition (including unviable plots)

Tenure Categories	Permanently Affected Land to be Acquired (land plots under the towers)		Cost of 1 sq.m of land GEL	Cost of the Land to be acquired GEL
	Plots No.	Area (sqm)		
Compensable land				
Type 1. Agricultural and nonagricultural land plots, used as homestead COST –3 GEL	4	9860	3	29580
Type 2. Agricultural land plots, used for annual and perennial agricultural crops. COST – 1.5 GEL	49	6178	1.5	9267
Type 3. Land plots formally attributed to agricultural type but not used for cultivation (pastures, hay lands and land not suitable for agricultural production) lands not suitable for agricultural crops COST – 0.75 GEL/sq.m.	0	0	0	0
TOTAL	53	16038		38847

Table 9.1.B. Cost Of Easement Payments for the Partially Affected Plots

Tenure Categories	Partial Impacts (Land Plots within the RoW/ Servitude)		Cost of Easement Payments for 1 sq.m of land GEL	Cost of the Easement Payments for Partially Affected Land GEL
	Plots No.	Area (sqm)		
Compensable land				
Type 1. Agricultural and nonagricultural land plots, used as homestead COST – 1.5 GEL	40	37227	1.5	55840.5
Type 2. Agricultural land plots, used for annual and perennial agricultural crops. COST – 0.23 GEL	529	598178	0.23	137580.9
Type 3. Land plots formally attributed to agricultural type but not used for cultivation (pastures, hay lands and land not suitable for agricultural production) lands not suitable for agricultural crops Easement COST – 0.11 GEL	0	0	0	0
TOTAL	569	635405		193 421.4

Total Cost for land including cost of permanent land acquisition and easement payments is equal to **232268.4 GEL.**

9.2.2 Compensation for Structures

166. Compensation of structures is based on the current market price of materials, transportation and construction works needed for construction of similar structure-buildings. Condition of basement, bearing structures, roof, materials, decoration, sanitation, water and power supply, external lighting systems are considered. Detailed valuation is given in technical annexes. Some details break up is given in Table 9.2. Provided costs include expenses on relocation of the movable facilities.

Table 9.2: Cost of Affected Structures

Major Structures				
No	Type of Structure	Characteristics	Area sq.m	Cost GEL
035	2 Storey Residential Building 2 storey concrete building with metal roofing	sq.m.	332,79	125,700
036	2 Storey Residential Building 2 storey concrete building with metal roofing	sq.m.	332,79	85,500
037	2 Storey Residential Building 2 storey concrete building with metal roofing	sq.m.	252,81	104,350
	Subtotal		918.39	315,550
Remnants of not finished or old buildings and Ancillary Structures				
No	Type of Structure	Characteristics	Area sq.m	Cost GEL
036 036 037	Toilet	sq.m.	2,24 2,24 1,2	970 970 400
003 014	Storage	sq.m.	4,29 9,72	885 2515
010 037 039	Cattle Shed	sq.m.	22,13 37,09 101,18	4165 7920 15,770
036 036 037	Hen House Chicken House	sq.m.	3,46 2,54 4,0	1000 610 760
036	Dog House	sq.m.	6,0	1520
037	Granary	sq.m.	2,42	600
038	Agricultural building for various purposes	sq.m.	207,51	34,400
368a	Pigsty	sq.m.	17	1760
	SubTotal			74,245
	TOTAL		423,02	389,795

Total cost of compensations to be paid for structures is **389,795 GEL**.

9.2.3 Compensation for Income Losses (Business and Job losses)

167. Land acquisition and resettlement will not affect actually active businesses.

9.2.4 Compensation for Crops

168. Crop compensation will be paid to all APs in cash at full market rate. The major crop found in the project route is Potato, maize and beans. The detail on crop compensation is described in Table 9.4.

Table 9.4: Cost of Affected Crops

Crop	Number of Land Plots	Area sq.m	Compensation for crops harvested on 1 sq,m GEL/sq.m	Total Crop Compensation
Maize	94	61103	0.4	24441.2
Beans	79	52759	0.4	21103.6
Potato	104	72151	1.56	112555.56
Beet	17	7603	1.1	8363.3
Onion	27	9067	1.8	16320.6
Vegetables	25	6198	0.5	3099
Wheat	34	41468	0.4	16587.2
Oats	16	17716	0.28	4960.48
Barley	27	31524	0.18	5674.32
Alfalfa	19	11532	0.14	1614.48
Sainfoin	44	66285	0.16	10605.6
Total	301*	325829*		225325.34

*The total number and area of land plots used for crop cultivation is less than a sum of numbers and areas used for separate types of crops, as on many land plots several crops are cultivated).

9.2.1 Compensation of Trees

169. The non-productive young fruit trees will be compensated at the price of seedling. Partially productive trees will be compensated at aggregated cost of seedling price and fruit income calculated based on productivity of partially productive tree and compensation years needed to grow up the same age tree from the seedling of age starting productivity. For example, 4 years old walnut will be compensated at the cost of the 1 year seedling plus the income of partially productive tree (for 2 years needed to grow up 4 years old tree, from the 2 year seedling, when the tree starts to bring fruits). The fully productive trees will be compensated based on price of seedling plus income of fully productive tree for the years needed to grow up fully productive tree from the 1 year seedling. Tables with the calculation of trees costs are given in Table 9.5 below.

Table 9.5: Compensation for Productive Fruit Trees

Type	Groups by Age	n Cost for 1 seedling	wholesale Market price 1 kg., GEL	Years to be compensated	Average productivity in 1 year, kg.	Annual income, GEL	Cost for 1 tree, GEL	No of trees	Cost GEL
1	2	3	4	5	6	7	8		
Black Cherry /Sweet Cherry ბალი/ბუბალი	Seedling nergi (<5)	5	2	5	3	6,0	35	183	6405
	5-10	5	2	5	10	20,0	75	101	7575
	10-20	5	2	5	16	32,0	117	78	9126
	20+	5	2	5	10	20,0	75	15	1125
Subtotal								377	24231
Apricot გარგალი	Seedling nergi (<5)	4	1,5	5	3	4,5	27	2	54
	5-10	4	1,5	5	15	22,5	83	1	83
	10-20	4	1,5	5	40	60,0	214	0	0
	20+	4	1,5	5	25	37,5	135	0	0
Subtotal								3	137
Apricot tree ჭერამი	Seedling nergi (<10)	4	1	5	3	3	20	1	20
	5-10	4	1	5	15	11	45	0	0
	10-20	4	1	5	40	40	170	0	0
	20+	4	1	5	25	25	105	1	105
Subtotal								2	125
prune ჭანჭურვი	Seedling nergi (<5)	2	0,70	5	5	3,50	15	213	3195
	5-10	2	0,70	5	20	14	50	264	13200
	10-20	2	0,70	5	60	42	180	306	55080
	20+	2	0,70	5	35	25	105	304	31920
Subtotal								1087	103395
Walnut კაკალი	Seedling nergi (<5)	10	5	5	4	20,0	80	16	1280
	5-10	10	5	10	15	75,0	535	23	12305
	10-20	10	5	10	25	125,0	1235	21	25935
	20+	10	5	10	30	150,0	1510	37	55870
Subtotal								97	95390
almonds ნუში	Seedling nergi (<5)	10	8	4	2	16	55	1	55
	5-10	10	8	8	5	40	270	0	0
	10-20	10	8	8	8	64	435	0	0
	20+	10	8	8	10	80	545	0	0
Subtotal								1	55
Quince კომბი	Seedling nergi (<5)	4	1,5	5	3	4,5	20	15	300
	5-10	4	1,5	5	15	22,5	83	4	332
	10-20	4	1,5	5	30	45,0	162	8	1296
	20+	4	1,5	5	20	30,0	109	9	981

Type	Groups by Age	n	Cost for 1 seedling	wholesale Market price 1 kg., GEL	Years to be compensated	Average productivity in 1 year, kg.	Annual income, GEL	Cost for 1 tree, GEL	No of trees	Cost GEL
Subtotal									36	2909
Pear მსხალი	Seedling nergi (<5)	4		1,2	5	7	8,4	33	32	1056
	5-10	4		1,2	7	20	24,0	122	32	3904
	10-20	4		1,2	7	70	84,0	416	25	10400
	20+	4		1,2	7	45	54,0	269	67	18023
Subtotal									156	33383
Plum ქლიავი	Seedling nergi (<5)	4		0,8	5	8	6,4	26	41	1066
	5-10	4		0,8	5	15	12,0	46	38	1748
	10-20	4		0,8	5	30	24,0	88	247	21736
	20+	4		0,8	5	20	16,0	60	81	4860
Subtotal									407	29410
Mulberry თუთა	Seedling nergi (<5)	5		1,5	5	4	6,0	26	1	26
	5-10	5		1,5	5	10	15,0	58	0	0
	10-20	5		1,5	5	16	24,0	89	3	267
	20+	5		1,5	5	10	15,0	58	5	290
Subtotal									9	583
Hazelnut თხილი	Seedling nergi (<5)	2		2	5	2	4,0	16	24	384
	5-10	2		2	5	5	10,0	37	1	37
	10-20	2		2	5	6	12,0	44	3	132
	20+	2		2	5	4	8,0	30	28	840
Subtotal									56	1393
Wild plum ტყეობალი (ალუჩა)	Seedling nergi (<5)	3		0,8	5	7	5,6	23	28	644
	5-10	3		0,8	5	15	12,0	45	30	1350
	10-20	3		0,8	5	50	40,0	143	53	7579
	20+	3		0,8	5	25	20,0	73	15	1095
Subtotal									126	10668
Apple კაშლი	Seedling nergi (<5)	4		1	5	5	5,0	22	39	858
	5-10	4		1	6	25	25,0	109	45	4905
	10-20	4		1	6	70	70,0	298	70	20860
	20+	4		1	6	40	40,0	172	26	4472
Subtotal									180	31095
Grape ყურბენი/ვაზი	Seedling nergi (<5)	2		1,5	4	5	7,5	23	24	552
	5-10	2		1,5	4	7	10,5	31	31	961
	10-20	2		1,5	4	9	13,5	40	0	0
	20+	2		1,5	4	5	7,5	23	13	299
Subtotal									68	1812

Type	Groups by Age	n Cost for 1 seedling	wholesale Market price 1 kg., GEL	Years to be compensated	Average productivity in 1 year, Kg.	Annual income, GEL	Cost for 1 tree, GEL	No of trees	Cost GEL
Cornelian cherry შონდო	Seedling nergi (<5)	3	2	5	2	4,0	17	3	51
	5-10	3	2	5	3	6,0	24	1	24
	10-20	3	2	5	4	8,0	31	1	31
	20+	3	2	5	3	6,0	24	50	1200
Subtotal								55	1306
Berry პინჯის/მოცხარ	Seedling nergi (<5)	2	2,5	5	2	5,0	20	111	2220
	5-10	2	2,5	5	3	7,5	28	47	1316
	10-20	2	2,5	5	4	10,0	37	16	592
	20+	2	2,5	5	3	7,5	28	65	1820
Subtotal								239	5948
Barberry კოჭახური	Seedling nergi (<5)	5	2,5	5	3	7,50	31	0	0
	5-10	5	2,5	5	5	12,50	49	0	0
	10-20	5	2,5	5	7	17,50	66	0	0
	20+	5	2,5	5	5	12,50	49	9	441
Subtotal								9	441
Medlar	Seedling nergi (<5)	4	1.5	6	3	4.5	23	1	23
	5-10	4	1.5	6	10	15		0	0
	10-20	4	1.5	6	20	30		0	0
	20+	4	1.5	6	10	15		0	0
Subtotal								1	23
TOTAL								2909*	342 304

Total cost of compensation for 2909 trees is 342 304 Gel.

It should be stressed that the provided figures of impacts on fruit trees and compensation are excessive and represent worst case scenario. The impact and compensation figures represent all perennials that are located within the impact zone (permanent land take at tower locations and partial impact zone between the towers). In reality the technical regulations impose only partial restriction on the land use within the OHL protection corridor: only tree species growing higher than 4m are subject for felling and removal. The fruit trees of lower height than 4m could be maintained in the RoW. Yet, part of the low trees within the corridor will be cut during the construction of the OHL (stringing activities). However, the damage will not extend for 62m corridor, but will be limited to 6 - 10m corridor, depending on the construction methodology and equipment. The precise location of the construction impact corridor and number of affected trees will be known only at the detailed design stage. At this stage we can only make a statement, that during the project implementation the impact on fruit trees will be minimized and compensations will be paid according to the actual damages reflected in the updated Final RAP.

9.2.2 Resettlement Allowances

170. There are three type of allowances being provided to the AH. These are: (i) Severe Impact Allowance, and (ii) Allowance for vulnerable and (iii) Relocation Allowance. The costs for relocation of movable business facilities have been incorporated in the compensation cost for structures. Following are the description of each category of unit rates proposed for various allowances.

- (i) The allowance for vulnerable AP is three months of minimum subsistence income at the unit rate of 322 per month per AH or 966 GEL for the AH. Total allowances for 50 vulnerable AHs is equal to 48 300 GEL.
- (ii) 10 AHs are considered to be severely affected due to loss of more than 10% of their productive agricultural land. No one of AHs is losing their jobs and related incomes. Total allowances for severe impact – 9660 GEL.
- (iii) AHs are relocated from their residential house and they are eligible for provision of allowance covering transport expenses and a livelihood expenses for the transitional period for 3 months equal to 3 months of minimum subsistence income. 200 GEL as vehicle hire charge + 322 GEL as minimum subsistence income x 3 months = 1166 GEL per AH. In total 3,498 GEL will be paid under this item.

171. Details of calculations on various types of allowances are described in **Table 9.6**.

Table 9.6: Cost for Allowances

No.	Item	Unit	Unit rate (GEL)	Quantity	Cost (GEL)
1	Severely Affected AHs	Numbers	equivalent to crop compensation or 966 Gel	10	9660
2	Vulnerable Households	Numbers	966	50	48300
3	Relocated AH	numbers	1166 GEL per AH	3	3498
Total					61458

* Indemnity for lost wages equal to 3 months of minimum subsistence income for the family consisting of 5 persons (322 Gel as of July 2015).

9.3 RAP Management Cost

172. The Construction Supervision Contractor will conduct external monitoring. However, RU, GSE will need to employ one independent monitoring agency for external monitoring of RAP implementation for a period of 2 months (in case the CSC is not in place during updating and implementation of the RAP. Miscellaneous expenses have been kept as a provision to cover the administrative cost as may be incurred during implementation of the RAP. Details of the RAP implementation management cost is given in Table 9.7

Table 9.7 Capacity Building and Management Cost

No.	Item	Unit	Quantity	Unit Cost(GEL)	Total Cost (GEL)
1	Cost for EMA (Social Safeguards Consultant)	Months	24	4000	96,000
2	Miscellaneous Administrative Cost	Months	24	1000	24,000
Total					120,000

9.4 Summary LAR Cost and Flow of Funds

173. The total LAR cost calculated for the implementation of this RAP constitutes **GEL 1,513,875 (USD 655 357)**. The summary LAR cost estimate is given in Table 9.8. All LAR related funds will be spent in one full year before the start of civil works construction. If the implementation of this RAP covers two fiscals, the allocation of funds will be sought accordingly. GSE is responsible for financial management of external financed projects. GSE will get funds directly from the Ministry of Finance allocated for the project and disburse to APs following requisition.

Table 9.8: Summary Estimate of LAR Costs

No.	Item	Cost in GEL	Cost in USD
A	Compensation		
1	Compensation for Permanently Acquired Land	38847	
2	Compensation Easement for Partially Affected Land	193421	
3	Compensation for Structures/Buildings	389795	
4	Compensation of Affected Businesses	0	
5	Compensation of job losees	0	
6	Compensation of crop	225325	
7	Compensation for 2909 productive and partially productive Fruit Trees	342304	
	Sub Total A	1,189,692	
B	Allowances		
1	Severely Affected AHs	9660	
2	Vulnerable Households	48300	
3	Relocated AH	3498	
	Sub Total B	61458	
C	Support Cost for RP Implementation		
1	Cost for EMA (Social Safeguards Consultant)	96,000	
2	Miscellaneous Administrative Cost	24,000	
3	Land Parcel Registration (100)	5100	
	Sub Total C	125,100	
	Total R&R Cost (A+B+C)	1,376,250	
	D. 10% Contingency	137,625	
	Grand Total	1,513,875	655357

1 USD = 2.31 GEL

9.5 Justification of Cost Estimates and Updating RAP Budget

174. Land acquisition and resettlement surveys included a valuation survey of affected land and assets. The survey consulted relevant transactions in case of land and local markets in case of building, trees and crops. In determining allowances to vulnerable households, the existing minimum salary rates have been considered.

175. A detail measurement survey was conducted to assess the affected buildings and structures and subsequently a detailed market survey for valuation of construction costs for each type of affected structure.

176. As for compensation to crops, the actual market price has been considered for valuation of crops.

177. The prices are, therefore, replacement value at current market value and ensures full replacement cost to the affected land, building/structures, crops and trees. Detailed methodology followed for determining replace value of affected assets is given in Annex 1.

9.6 Source of Financing

178. All funds for compensation and allowances commensurate to RAP will be provided from the Government of Georgia's public fund. GSE will ensure the allocation of funds for compensation to be paid for land acquisition and resettlement. GSE will get the budget approved from the Ministry of Finance and allocate in advance the funds for implementation of RAP.

10. MONITORING AND REPORTING

10.1 Introduction

179. The main objective of implementation of RAP is to improve or at least restore the social and livelihood resources of the APs at their pre-project level. The process of implementation should ensure that this objective is achieved over a reasonable time with allocated resources. Therefore, monitoring of the process of updating RAP, its implementation and delivery of institutional and financial assistance to the APs has been designed as an integral part of the overall functioning and management of the Project. RMT of GSE will ensure the execution of timely monitoring and evaluation (M&E) indicators (process, delivery and impact indicators) of LAR tasks. The purpose of the Monitoring and Evaluation (M&E) is to provide feedback to all stakeholders on progress made in view of a timely and comprehensive implementation of the RAP and to identify problems as early as possible to facilitate well-timed adjustment of implementation arrangements. The objectives are to: (i) ensure that the standard of living of APs are restored or improved; (ii) ascertain whether activities are in progress as per schedule and the timelines are being met; (iii) assess whether the compensation, rehabilitation measures are sufficient; (iv) identify problems or potential issues; and (v) identify methods to rapidly mitigate problems.

10.2 Monitoring and Evaluation Indicators

180. Compliance of the RAP policy and targets in the implementation process will be monitored against set indicators. These indicators and benchmarks will be judged for implementation process, outcomes and impacts.

10.3 Level of Monitoring

181. Monitoring of LAR task in the Project will be carried out at two levels. The RMT will carry out regular internal monitoring for the GSE with inputs from LAR teams at field operation. Local Resettlement Consultant will assist GSE during the RAP implementation and will be responsible for internal monitoring. The LRC will also carry out supervision and monitoring to assist GSE and WB in relation with the resettlement impacts at the civil works stage. External monitoring will be commissioned by GSE employing Social Safeguards Consultant.

10.4 Internal Monitoring

182. Internal monitoring will be carried out routinely by RMT during implementation of the RAP. The key person in this process will be the Local Resettlement Consultant. The results will be communicated to the LARC and WB monthly. Indicators for internal monitoring will be those related to process, immediate outputs and impacts. This information will be collected directly from the RMT representatives in the municipal level LAR Teams and Working Group and reported to LARC to assess the progress and results of RAP implementation, and to adjust the work program, if necessary. The monthly reports will be quarterly consolidated in the standard supervision reports to the WB.

183. The report of internal monitoring will contain: (i) accomplishment to-date, (ii) objectives attained and not attained during the period, (iii) problems encountered, and (iv) suggested options for corrective measures. The internal monitoring report will primarily be prepared by the Resettlement Specialists.

10.5 External Monitoring

184. According to the tasks, external monitoring will be carried out by a Social Safeguards Consultant hired by GSE. The tasks assigned to the SSC will be the external monitoring of RAP implementation and the preparation at its end of a compliance report which will be the basis for WB to provide —No Objectionll to the start of civil works.

10.5.1 EMA Tasks

185. For each subproject involving land acquisition/resettlement, the SSC will closely monitor the implementation of the RAP and engage in the following tasks: (i) review of RAP and Information pamphlet disclosure; (ii) review of action taken by GSE to compensate the APs with particular attention to the way this action fits the stipulation of the RAP; (iii) review all compensation tallies; (iv) verify whether the compensation is provided thoroughly to all APs and in the amounts defined in the RAP and in the AP contracts; (v) asses the satisfaction of the APs with the information campaign and with the compensation/rehabilitation package offered to them; (vi) review the legalization process and assess its effectiveness; (vii) review complaints & grievances case; (vii) carry out an AP satisfaction survey with a 20% sample of the APs. Immediately after the implementation of the RAP the SSC will prepare the Compliance Report. The report will include well-argued sections on the following:

- (i) Assessment of the way the compensation has been carried out in relation of the stipulations of the RAP;
- (ii) Verification that all APs have been compensated in the amounts stipulated in the RAP
- (iii) Assessment of the accuracy of survey and asset valuation
- (iv) Assessment of the effectiveness and thoroughness of the Legalization process
- (v) Review of complaint and grievance cases and of their solution
- (vi) Assessment of the rehabilitation program for severely affected and vulnerable APs
- (vii) Assessment of the satisfaction of the APs
- (viii) Lesson learned to be applied to the next projects, and;
- (ix) General assessment of RAP implementation and recommendations to WB regarding the provision of 'No Objection' Letter to start the civil works.

186. The SSC will carry out its activities in close communication with GSE and will engage in desk activities and field activities and for this he/she will hire an appropriate number of assistants to carry out the AP satisfaction survey and to review the compensation tallies. The monitoring activities assigned to the consultant will start immediately after Government approval of the Resettlement Action Plan Reports and will last until RAP implementation is concluded.

10.5.2 Post-Implementation Evaluation

187. The supervision consultants' resettlement specialists will carry out a post-implementation evaluation of the RAP about a year after completion of its implementation. The compelling reason for this study is to find out if the objectives of the RAP have been attained or not. The benchmark data of socioeconomic survey of severely affected APs conducted during the preparation of the RAP will be used to compare the pre and post project conditions. The post- implementation evaluation will recommend appropriate supplemental assistance for the APs should the outcome of the study show that the objectives of the RAP have not been attained. For this task the Supervision consultants will:

- (x) Review as needed the survey indicators
- (xi) Assess the livelihood impact of the land acquisition/resettlement on the APs through formal and informal surveys with the population in project areas affected and non-affected. The SSC shall conduct a formal survey of a representative sample of men and women APs to determine changes that have occurred on the APs. In parallel the SSC will also compare the situation of the APs with non-affected neighbors similar in terms of livelihood level to the APs. The income level of AP pre and post resettlement will be compared and in case of deviation that can be attributed to displacement impacts mitigation measures proposed. Focus group discussions and other unstructured data gathering methods and consultation with APs, officials and community leaders will also be used in carrying out the evaluation to supplement the findings from the formal survey. Finally the assessment will look into potential differential impact or benefit that men and women APs have experienced from the resettlement activities. The result of the surveys will serve as the end term review report of the SSC for the Project.
- (xii) Assess again satisfaction on the valuation of assets and entitlements, timing of payments, fund availability and disbursements. In the same post-RAP survey, the SSC shall ascertain the satisfaction of APs on the valuation of assets, as well as, the scope and timing of assistance provided under the RAP.
- (xiii) Assess the long-term efficiency, effectiveness and sustainability of the land acquisition/resettlement program, drawing lessons for future resettlement policy formulation and planning and future RAP planning and implementation. Should the outcome of the study show that the RAP objectives have not been attained, the SSC will recommend appropriate supplemental assistance for the APs.
- (xiv) Preparation of the valuation report. Prior to submission of the post-RAP report, the SSC shall ensure that informal and formal meetings are held with the men and women representatives from the APs, community leaders and other key officials and seek feedback on the contents/analysis in the review report. Highlights of these consultations will also be attached as annex to the report.

10.5.3 Monitoring Indicators for Task 2

188. Task 2 will be based among others on the monitoring indicators listed in table in Table 1.

Table 10.1: Monitoring Indicators for Task 2

Monitoring Indicator	Basis for Indicators
Basic Information on AP Households	<ul style="list-style-type: none"> • Location • Composition and structure: ages, educational and skill levels • Gender of household head • Ethnic group • Access to health, education, utilities, and other social services • Housing type • Land and other resource ownership and utilization patterns • Occupations and employment patterns • Income sources and levels • Agricultural production data (for rural households) • Participation in neighborhood or community groups • Access to cultural sites and events • Value of all asset forming entitlements and resettlement entitlements
Benefit Monitoring	<ul style="list-style-type: none"> • What changes have occurred in terms of patterns of occupation, production, and resource use compared to the pre-project situation? • What changes have occurred in income and expenditure patterns compared to the pre-project situation? • What have been the changes in cost of living compared to the pre-project situation? • Have APs' incomes kept pace with these changes? • What changes have taken place in key social and cultural parameters relating to living standards?

Table 10.1: Monitoring Indicators for Task 2

Monitoring Indicator	Basis for Indicators
Restoration of Living Standards	<ul style="list-style-type: none"> • Were house compensations made free of depreciation, fees or transfer costs to the APs? • Have perceptions of community been changed? • Have the AP achieved replacement of key social and cultural elements?
Restoration of Livelihood	<ul style="list-style-type: none"> • Were compensation payments free of deduction for depreciation, fees or transfer costs to the AP? • Were compensation payments sufficient to replace lost assets? • Was sufficient replacement land available of suitable standard? • Did transfer and relocation payments cover these costs? • Did income substitution allow for re-establishment of enterprises and production? • Have enterprises affected received sufficient assistance to re-establish themselves? • Do jobs provided restore pre-project income levels and living standards?
Levels of AP Satisfaction	<ul style="list-style-type: none"> • How much does the AP know about resettlement, procedures and entitlements? • Do they know if these have been met? • How do the AP assess the extent to which their own living standards and livelihoods • Have been restored? • How much does the AP know about grievance and conflict resolution procedures? • How did resettlement implementers deal with unforeseen problems?
Effectiveness of Resettlement Planning	<ul style="list-style-type: none"> • Were the AP and their assets correctly enumerated? • Were land speculators assisted? • Was the time frame and budget sufficient to meet objectives? • Were entitlements too appropriate (wide or narrow)? • Were vulnerable groups identified and assisted?
Other Impacts	<ul style="list-style-type: none"> • Were there unintended environmental impacts? • Were there unintended impacts on employment or incomes? • What was the number of grievances received? • What was a number of grievances resolved?

Annex 1

Valuation Methods, Valuation of Losses and Compensations Valuation of the Cost of Buildings and Structures

1. **Land Valuation;** Land has been valued at replacement cost based on the average market value. That is based on the average sale value of comparable land in type, location and features. Based on the average market sales, adjustments were made according to the comparison parameters, in the following sequence as applicable:

- (i) Transfer of ownership rights for the real estate property;
- (ii) Financial conditions;
- (iii) Sale conditions;
- (iv) Further costs related to sale;
- (v) Sales dynamics at the market (the sale date);
- (vi) Location;
- (vii) Physical parameters;
- (viii) Economic parameters;
- (ix) Use;
- (x) Existence of real estate property.

Calculation of the market prices of the land plots with a sales comparison method

For determining the costs of the lands located within the project influence area was used the sales comparison method which includes the comparison of the valuated object to the objects, the market costs of which are known (the land was sold)

The evaluation asset (it is called "subject of appraisal") is located on the territory of Akhaltsikhe and Adigeni (villages: Zikilia, Persa, Varkhani, Ude)

The evaluation lands are different with their locations, configurations, parameters, soil structure, designation and according other data. Which why land plots were divided into types during the evaluation process, in which were unified the lands with similar parameters (hence of that their market costs are similar) and was made the estimation of the lands of an appropriate groups of types.

The following types of land groups have been detached:

Type I – Agricultural and nonagricultural land plots, used as homestead;

Type II – Agricultural land plots, used for annual and perennial agricultural crops;

Type III – Agricultural, non-cultivation land plots, which doesn't belong to II type, isn't used for agricultural crops.

For land evaluation, it is important to analyze the market segment, following the costs fixed in contracts and agreements of similar real estates, which has been conducted in the frames of above- mentioned and boarder villages.

During the evaluation process, in purposes of determining the market costs of the lands, we have procured the data about analogues, which are based on the market offers and the dealing data provided by the National Agency of Public Register which is drafted in Table A1. Also basing on the compensation costs for the contracts of expropriated lands. Also information collected through the population survey was considered

Table A1

Area	Designation	Address, location	The price of offer/transaction, GEL	Information source
500.00 sq.m. land	agricultural	Adigeni Municipality, village Varkhani, —Tsisqviltan baghill	1.0 sq m. – 2.25	—National Agency of Public Registerll Immovable Purchase Agreement. The application registration N 882015323852 Cadastral code: 61.12.23.062
2580.00 sq.m. land	agricultural	Adigeni Municipality, village Khevasheni	1.0 sq m. – 1.09	—National Agency of Public Registerll Immovable Purchase Agreement. The application registration # 882011109645 Cadastral code: 61.10.22.009
1000.00 sq.m. land	agricultural	Akhaltzikhe municipality, village Mugareti, —Baghi foshtebis qveshll	1.0 sq m. – 1.00	—National Agency of Public Registerll Immovable Purchase Agreement. The application registration # 882014078051 Cadastral code: 62.03.56.035
700.00 sq m. land	agricultural (perennial plantations)	Akhaltzikhe Municipality, village Zikilia —Bagill	1.0 kv.m. – 0.71	—National Agency of Public Registerll Immovable Purchase Agreement. The application registration # 882015067728 Cadastral code: 62.05.53.045
2200.00 sq m. land	agricultural (perennial plantations)	Adigeni municipality, village Ude, —Javriebill	1.0 sq m. – 0.45	—National Agency of Public Registerll Immovable Purchase Agreement. The application registration # 882013096904 Cadastral code: 05.35.23.376

Table A2 Drafting the corrections under the evaluated, high-voltage power line for buffer zone affected lands (GEL, unit 1.00 sq.m.).

Comparison elements	analogue N1	analogue N2	analogue N3	analogue N4	analogue N5
Cost of 1 sq.m GEL	2.25	1.09	1.00	0.71	0.45
Sale costs	Buyer	Buyer	Buyer	Buyer	Buyer
Correction coefficient	no	no	no	no	no
Corrected price 1 sq.m.	2.25	1.09	1.00	0.71	0.45
location	better	analogue	analogue	analogue	worse
Correction coefficient	0.90	1.00	1.00	1.65	2.20
Corrected price 1sq.m.	2.0	1.09	1.00	1.17	1.0
Market terms (time)	1.3	1.3	1.3	1.3	1.3
Corrected price 1sq.m.	2,6	1.4	1.3	1.52	1.3
Physical Features	analogue	analogue	analogue	analogue	analogue
Correction coefficient	no	no	no	no	no
Corrected price 1 sq.m.	2,6	1.4	1.3	1.52	1.3
Partial Purchase	analogue	analogue	analogue	analogue	analogue
correction	no	no	no	no	no
Corrected price 1 sq. m.	2,6	1.4	1.3	1.52	1.3

The comment of correction:

- *the first correction includes the land location (the distance from settlement and for the functional purpose).*

Fixing the land compensation value

After considering the analogues and studying the data and corrected prices, the value of the unit land was fixed by calculating the mean weighted value. When agreeing the results of the corrected prices, the analogues being most comparative to the objects to be evaluated and with least corrections were given the highest specific weight.

The market value of the land unit rate (by using the weighted value) was calculated by us with the following formula:

$$V_{wa} = \sum_{i=1}^n P_i \left\{ \frac{R_i}{\sum_{i=1}^n R} \right\}$$

Where:

V_{wa} - is the mean weighted value;

P_i – is the corrected price of each analogue;

∑ R – is the sum of the rated weights of the corrected prices of the analogues of comparison;

R_i - is the rated weight of the corrected price of each object of comparison.

Consequently, the calculation of the market value of the object to be evaluated by using the mean weighted value is given in Tables A3 and A4.

Table A3

nominate	Pi	Ri	Vi
The cost of corrected analogue N1	2.6	1.00	2.6
The cost of corrected analogue N2	1.4	1.50	2,1
The cost of corrected analogue N3	1.30	1.50	1.95
The cost of corrected analogue N4	1.52	1.0	1.52
The cost of corrected analogue N5	1.3	1.50	1.95
$\sum R$		6.50	
Vwa			1,55
The market cost of 1 sq.m. evaluation land , in GEL			1.50

Note: the value of the land plots was fixed by considering the present market demand and supply and factors influencing the value (designation, use, distance from recreation and/or entertainment zone, distance from motor roads/settled areas/communications, etc.). For this purpose, the data of the real estate market of Georgia was studied based on the market offers and data provided by NAPR. The basic price was fixed in comparison to an agricultural cultivation land plot. The given data were used to fix the ratio between the calculated prices and the prices of the other plots.

Table A4

Calculating the compensation sums for lands, by types and designation				
Type	Land designation	Base cost of 1 sq.m. land, GEL	Correction coefficient	Compensation costs of 1 sq.m. land,
I	Agricultural, non cultivation land plots, which is used for Homestead	1.50	2.0	3.0
II	Agricultural, non cultivation land plots, which is used for agricultural crops		1.0	1.50
III	Agricultural, non cultivation land plots, which doesn't belong to II type, isn't used for agricultural crops		0.5	0.75

Note:

1. The Table shows the land plots only with the designation and use affected by the Project.
2. The Table gives the calculation of the compensation values of all land plots by using the correction coefficients multiplied by the basic compensation value of 1 sq.m. of land.
3. The correction coefficients are fixed based on the study of the market data and consider the present demand and supply and designation, use, distance from the sea/transport infrastructure and communications).
4. All gained results are rounded.

As about the single compensation value for 1 sq.m servitude hence of The International valuation Standards were determined according the ratio of market cost for each and caused damages/profits (Table N5)

Type	Land Designation	1 m ² of land compensation value of the land GEL	single compensation value for 1 m ² of servitude GEL
I	Agricultural, non cultivation land plots, which is used for homestead	3.0	1.50
II	Agricultural, non cultivation land plots, which is used for agricultural crops	1.50	0.23
III	Agricultural, non cultivation land plots, which doesn't belong to II type, isn't used for agricultural crops	0.75	0.11

2. **Buildings Valuation.** Buildings have been valued at replacement cost based on the direct and indirect costs at market value necessary for the construction of a comparable building i.e. what construction of a building of similar parameters would cost today. No deductions were made for amortization. The parameters for calculating the direct and indirect costs are the following as applicable to individual cases.

- a. Direct costs include:
 - (i) Salaries of workers;
 - (ii) Purchase of construction materials;
 - (iii) Preparatory expenses;
 - (iv) Rent or purchase of equipment;
 - (v) Profit and overhead expenses of the constructor;
 - (vi) Expenses incurred to ensure safety measures during the construction/repair;
 - (vii) The cost of arranging temporary structures;
 - (viii) Temporary communications (electricity, water, gas supply etc.);
 - (ix) Warehouse costs;
 - (x) Transportation costs;
 - (xi) Other costs

- b. Indirect costs include:
 - (i) Cost of professional services:
 1. Compensation of the architect/designer;
 2. Compensation for engineering services;
 3. Legal expenses;
 4. Compensation for valuator's services;
 5. Other expenses
 - (ii) Expenses incurred to receive permits;
 - (iii) Insurance costs;
 - (iv) Financing %;
 - (v) Guarantee necessary to secure the contract implementation by the contractor building the new building;
 - (vi) Other expenses

3. **Cost of perennial plants** - For determining the costs of perennial plants was used the lost income determining method, during analogue plant growth period until the appropriate age. The cost of perennial plants are determined according their age. The cost of fruit trees will be calculated my multiplication of an annual harvest costs to the quantity of the necessary for growing the new perennial plants until the age of existed plants or plant of the same productivity.

Fruit trees calculation is made using the following formula:

$$Q = pY [a_f - x]^1, [x - 1]^2, [a_s - 1]^3 \quad a_s < x < a_f,$$

where in :

Q – the compensation cost of perennial trees;

p – the unit cost of fruit trees/product, which is determined according the current market costs;

Y – Fertility rate, which is determined by the monography named „Georgian Fruit Production— by science doctor of statistics department and agriculture, the real member of Georgian and Russian federation agriculture science academy, The State Prize Laureate of Georgia, mr. Gogotur Agladze; volume III (1973 w.) and volume IV (1978 w), through the data summarization and are drafted in shedule #5.

X – the age of perennial plant ,which are determined through the visual observation of the plant and interviewing an owner.

as – the age of starting full productivity , is determined through the shedule #6, which is composed according an interviewing the specialists.

a_f – the age of finishing the fertility, is determined through #6, which is determined through an interviewing the specialists.

1 – the quantity of the years until the age of fertility for specific tree;

2 – the quantity of necessary years for growing the tree until current age;

3 –the quantity of years until full fertility of the tree .

Note: From 1, 2 and 3 varieties is used one of them, according the appropriation (pioring the less years) is used to determine the sum of lost income compensation for specific tree.

Table A6 Possible fertility of perennial plan

Type	Group by Age	Average productivity in 1 year, kg
1	2	3
Black Cherry /sweet Cherry	young plant (<5)	3
	5-10	10
	10-20	16
	20+	10
Peach	young plant (<5)	4
	5-10	15
	10-20	40
	20+	25
Apricot	young plant (<5)	3
	5-10	15
	10-20	40
	20+	25
apricottree	young plant (<5)	3
	5-10	15
	10-20	40
	20+	25
prune	young plant (<5)	5
	5-10	20
	10-20	60

	20+	35
Walnut	young plant (<5)	4
	5-10	15
	10-20	25
	20+	30
almonds	young plant (<5)	2
	5-10	5
	10-20	8
	20+	10
Quince	young plant (<5)	3
	5-10	15
	10-20	30
	20+	20
Pear	young plant (<5)	7
	5-10	20
	10-20	70
	20+	45
Plum	young plant (<5)	8
	5-10	15
	10-20	30
	20+	20
Mulberry	young plant (<5)	4
	5-10	10
	10-20	16
	20+	10
Hazelnut	young plant (<5)	2
	5-10	5
	10-20	6
	20+	4
Wild plum	young plant (<5)	7
	5-10	15
	10-20	50
	20+	25
Apple	young plant (<5)	5
	5-10	25
	10-20	70
	20+	40
Grape	young plant (<5)	5
	5-10	7
	10-20	9
	20+	5
	young plant (<5)	2

Cornelian cherry	5-10	3
	10-20	4
	20+	3
Persimmon	young plant (<5)	5
	5-10	10
	10-20	30
	20+	20
Fig tree	young plant (<5)	5
	5-10	10
	10-20	30
	20+	20
Kiwi fruit tree	young plant (<5)	5
	5-10	10
	10-20	30
	20+	20
Pomegranate	young plant (<5)	5
	5-10	10
	10-20	30
	20+	20
Tangerine tree	young plant (<5)	10
	5-10	30
	10-20	80
	20+	50
Orange tree	young plant (<5)	10
	5-10	30
	10-20	80
	20+	50
Lemont tree	young plant (<5)	5
	5-10	15
	10-20	35
	20+	20
Chestnut	young plant (<5)	30
	5-10	50
	10-20	120
	20+	120
Berry	young plant (<5)	2
	5-10	3
	10-20	4
	20+	3
Bay tree	young plant (<5)	1
	5-10	2
	10-20	2

	20+	1
Cerry laurel	young plant (<5)	2
	5-10	4
	10-20	10
	20+	7
Barberries	young plant (<5)	3
	5-10	5
	10-20	7
	20+	5
Medlar	young plant (<5)	3
	5-10	10
	10-20	20
	20+	10
Medlar subtropical	young plant (<5)	3
	5-10	10
	10-20	20
	20+	10
Dog rose	young plant (<5)	3
	5-10	5
	10-20	7
	20+	5

Based on formula mentioned above, the compensation sum for perennial plants was calculated using the lost income principle. (total sum of mentioned tree total fertile, during the period of growing the new tree until the age of existed tree)

Following the completed compensation sums of perennial trees are shown in the schedule N7.

Table A7 - The costs of perennial plant compensations

Type	Group by Age	Cost for 1 seedling (GEL)	Whole sale Market price 1 kg (GEL)	Years to be compensated	Average productivity in 1 year, kg	Annual income (GEL) including Expenses	Cost of 1 tree (GEL)
1	2	3	4	5	6	7	8
Black Cherry /sweet Cherry	young plant (<5)	5	2	5	3	6,0	35
	5-10	5	2	5	10	20,0	75
	10-20	5	2	5	16	32,0	117
	20+	5	2	5	10	20,0	75
	young plant (<5)	6	1,5	5	4	6,0	27
	5-10	6	1,5	5	15	22,5	85

Peach	10-20	6	1,5	5	40	60,0	216
	20+	6	1,5	5	25	37,5	137
Apricot	young plant (<5)	4	1,5	5	3	4,5	27
	5-10	4	1,5	5	15	22,5	83
	10-20	4	1,5	5	40	60,0	214
	20+	4	1,5	5	25	37,5	135
Apricottree	young plant (<5)	4	1	5	3	3	20
	5-10	4	1	5	15	11	45
	10-20	4	1	5	40	40	170
	20+	4	1	5	25	25	105
prune	young plant (<5)	2	0,70	5	5	3,50	15
	5-10	2	0,70	5	20	14	50
	10-20	2	0,70	5	60	42	180
	20+	2	0,70	5	35	25	105
Walnut	young plant (<5)	10	5	5	4	20,0	80
	5-10	10	5	10	15	75,0	535
	10-20	10	5	10	25	125,0	1235
	20+	10	5	10	30	150,0	1510
almonds	young plant (<5)	10	8	4	2	16	55
	5-10	10	8	8	5	40	270
	10-20	10	8	8	8	64	435
	20+	10	8	8	10	80	545
Quince	young plant (<5)	4	1,5	5	3	4,5	20
	5-10	4	1,5	5	15	22,5	83
	10-20	4	1,5	5	30	45,0	162
	20+	4	1,5	5	20	30,0	109
Pear	young plant (<5)	4	1,2	5	7	8,4	33
	5-10	4	1,2	7	20	24,0	122
	10-20	4	1,2	7	70	84,0	416
	20+	4	1,2	7	45	54,0	269
Plum	young plant (<5)	4	0,8	5	8	6,4	26
	5-10	4	0,8	5	15	12,0	46
	10-20	4	0,8	5	30	24,0	88
	20+	4	0,8	5	20	16,0	60
Mulberry	young plant (<5)	5	1,5	5	4	6,0	26
	5-10	5	1,5	5	10	15,0	58
	10-20	5	1,5	5	16	24,0	89
	20+	5	1,5	5	10	15,0	58
Hazelnut	young plant (<5)	2	2	5	2	4,0	16
	5-10	2	2	5	5	10,0	37
	10-20	2	2	5	6	12,0	44
	20+	2	2	5	4	8,0	30

Wild plum	young plant (<5)	3	0,8	5	7	5,6	23
	5-10	3	0,8	5	15	12,0	45
	10-20	3	0,8	5	50	40,0	143
	20+	3	0,8	5	25	20,0	73
Apple	young plant (<5)	4	1	5	5	5,0	22
	5-10	4	1	6	25	25,0	109
	10-20	4	1	6	70	70,0	298
	20+	4	1	6	40	40,0	172
Grape	young plant (<5)	2	1,5	4	5	7,5	23
	5-10	2	1,5	4	7	10,5	31
	10-20	2	1,5	4	9	13,5	40
	20+	2	1,5	4	5	7,5	23
Cornelian cherry	young plant (<5)	3	2	5	2	4,0	17
	5-10	3	2	5	3	6,0	24
	10-20	3	2	5	4	8,0	31
	20+	3	2	5	3	6,0	24
Fig tree	young plant (<5)	3	1,5	5	5	7,5	29
	5-10	3	1,5	6	10	15,0	66
	10-20	3	1,5	6	30	45,0	192
	20+	3	1,5	6	20	30,0	129
Pomegranate	young plant (<5)	4	2	5	5	10,0	39
	5-10	4	2	6	10	20,0	88
	10-20	4	2	6	30	60,0	256
	20+	4	2	6	20	40,0	172
Berry	young plant (<5)	2	2,5	5	2	5,0	20
	5-10	2	2,5	5	3	7,5	28
	10-20	2	2,5	5	4	10,0	37
	20+	2	2,5	5	3	7,5	28
Barberry	young plant (<5)	5	2,5	5	3	7,50	31
	5-10	5	2,5	5	5	12,50	49
	10-20	5	2,5	5	7	17,50	66
	20+	5	2,5	5	5	12,50	49
Dog rose	young plant (<5)	5	2	5	3	6,0	26
	5-10	5	2	5	5	10,0	40
	10-20	5	2	5	7	14,0	54
	20+	5	2	5	5	10,0	40

Note: Cut timber, the trees over fertility age and other non-agricultural and infertile trees, are left to their owners as firewood or other purposes.

5. Calculation of compensation value of annual crop - For calculating the compensation value of project affected agricultural crops, was used the lost income determining method, which is calculated using the data of specific agricultural crop productivity and it's market cost, appealing an annual productivity, for affected land area.

Mainly the cereals (corns) and vegetables are located in project affected lands.

As a result of the specialist's, owner's survey and founding on inspecting the data reconciling, were concluded the compensation costs for yearling agricultural crops, which is based on crop productivity and market cost data.

Separately, based on a survey of specialists and local inhabitants, was determined the just compensation value, for the cases, when various species of vegetables are cultivated through the land. (mainly for land owners personal usage), which consists of 0.5 GEL for 1 sq.m of land area Annual productivity, market costs and compensation values are drafted in table A8.

Table A8 – Compensation values of agricultural crop

Agricultural crop species	Units of measurement	Crop on 1 ha. land area	market cost for per unit of crop, GEL	agricultural crops harvest compensation for 1 hectare, GEL)
potato	ton	26	600	15600
beans	kg	800	5	4000
barley	kg	3000	0.6	1800
Corn	kg	5000	0.8	4000
wheat	kg	4000	1.0	4000
plural oats	kg	2800	1.0	2800
Onobrychis	bale	400	4.0	1600
alfalfa	bale	350	4.0	1400
hay	bale	300	4.0	1200
onion	ton	30	0.6	18000
beet	ton	50	220	11000
Othervegetables	-	-	-	5000

Note: The compensation values are calculated for one year crop.

Annex 2

INFORMATION LEAFLET LAND ACQUISITION AND RESETTLEMENT POLICY Information for APs

Information Leaflet

The goal of the present Information Leaflet is to provide the information about —Akhaltzikhe-Batumi 220 kV Double Circuit Power Transmission Line Construction Project developed by JSC Georgian State Electrosystem and describe the Project impacts, including on the land owners/users. This document does not claim to be thorough, but it will give the readers sufficient understanding of the Project, evaluation of the Project impact on the population within the Project area and process of planning the prevention/mitigation measures. It will also inform the land owners and users about the policy of land acquisition and resettlement.

Introduction

Adjaristkqali Georgia LLC, the company implementing the project for Adjaristkqali HPP cascades, is the property of IFC, a member of companies Clean Energy Invest AS (Norway), Tata Power International (India) and World Bank Group. The Project will be implemented in line with the social and environmental policy of the World Bank and Georgian legislation. Under the agreement reached between the Company, World Bank, JSC Georgian State Electrosystem and Government of Georgia, the Company shall finance the engineering and environmental studies for the Project, while the construction operations are planned to be financed by the WB. Mott MacDonald Ltd. (UK) was charged with developing the Power Transmission Line Construction Project, and DG Consult Ltd (Georgia) was charged with developing the Environmental and Social Impact Assessment (ESIA) and The Institute of Economic Research. Ltd. DG Consulting and Alligator were charged with developing the Resettlement Plan and accomplishing field, survey and evaluation works. JSC Georgian State Electrosystem is responsible for the construction and operation of the 220 kV Power Transmission Line, which will be the owner of the Line. JSC Georgian State Electrosystem will also be responsible for the land acquisition. The present Information Leaflet is one of the means of informing the Project-affected people about the procedures and mitigation measures and compensation policy while acquiring their own lands.

Description of the Project

Different Project facilities/sections are located in the municipalities of Batumi, Khelvachauri, Keda, Shuakhevi, Khulo, Adigeni and Akhaltzikhe. The construction costs are approximately 40 mln. USD. The construction envisages building Akhaltzikhe-Batumi 220 kV Double Circuit Power Transmission Line to connect Shuakhevi and Kormokheti HPPs to the Georgian power network.

The major activity during the construction of the Transmission Line covers such operations, as building access roads to the tower sites, building concrete tower foundations, tower installation (with approximately 300-400-m spans) and stretching the power transmission wires. The towers of the Power Transmission Line will be approximately 50 m high and need approximately 169-529 m² area for their foundations, depending on their location (the ones over the slope will need more area).

The present Leaflet is the instrument of informing the Project-affected people about the procedures and compensation policy developed within the scope of the Resettlement Plan.

The total affected land area is **651443** sq.m. of **572** plots. The land plots with the type of ownership are classified as follows:

Category 1: **78** land plots registered with the Public Registry (NAPR) with the total area of **153 450** sq.m.

Category 2: **494** land plots of **479 993** sq.m, which are private legalizable.

460 households (PAHs) will be subject to the Project impact.

A full-scale Resettlement Action Plan (RAP) is needed.

Resettlement Policy and Principles

The land needed for the construction of the Power Transmission Line will be purchased in line with the legislation of Georgia. At the same time, the WB requirements (OP/BP 4.12) implying the regulation of the compensation payment procedure within the scope of a single plan and rendering rehabilitation assistance depending on the status of vulnerability and inflicted damage will be considered. The WB Policy sets the following requirements:

(i) the impact of land acquisition and resettlement shall be avoided or minimized by using all available alternatives of the Project, (ii) the Land Purchase and Resettlement Action Plan shall be developed and realized as to at least maintain or restore the living standards of the affected people, (iii) the affected people shall be given relevant consultations and their opinion will be considered at the stage of designing and during the Project implementation, (iv) any damage associated with the loss of land or property shall be compensated in full by considering the market value of the land or property fixed by the onset of the Project, (v) the affected households willfully and/or unlawfully occupying project affected land plots that do not subject to legalization under the effective legislation, shall be paid the replacement value of the lost property (buildings and premises, trees, etc.) attached to the land plots and price of the harvest of the lost annual crops, (vi) the title of all affected owners, which can be legalized under the legislation of Georgia shall be recognized with their property registered and fully compensated, (vii) the socially vulnerable households and extremely damaged people shall be rendered special assistance, (viii) the damaged people shall be given the information about the land acquisition and resettlement policies and procedures in the local language, (ix) the compensation shall be paid, resettlement assistance shall be rendered and rehabilitation measures shall be accomplished fully prior to the commencement of the construction works, and (x) relevant mechanisms shall be designed and introduced to resolve the grievances of the affected people (if any).

Compensation Eligibility, Cut-Off Date and Property Title Documents

Land acquisition and rendering assistance, including non-monetary assistance within the scope of the Project shall be done in line with the Compensation Entitlement Matrix approved within the scope of the Land Acquisition and frame Resettlement Plan.

The eligibility for compensation is limited by the cut-off date, which is the start up date for census survey and is defined for this project as 6 May 2015. The said Matrix was developed in line with the effective legislation of Georgia and WB Involuntary Resettlement Policy. Within the scope of the Project, the affected households and people entitle to receive due compensation, or at least rehabilitation, are:

(i) all affected persons/households going to lose their land notwithstanding their legal status, (ii) those living on the land plots occupied by the Project notwithstanding whether they are registered or not, (iii) owners of buildings, harvest, plants or other facilities (located on the land), (iv) affected people going to lose their businesses, incomes or wages.

The title of compensation is limited with a fixed date, which is the starting day of the registration of the affected people and detailed survey. The Compensation Entitlement Matrix is given below. The list shows the relationship between the people with different legal status, social state and under different degrees of impact and the kinds of compensations or assistance they are entitled to receive.

Tasks under the Project will be implemented according to a compensation eligibility and entitlements framework in line with both Georgia laws and regulation, WB OP 4.12. A summary entitlements matrix specific for this project is included in **Table B1** below.

Table B1: Compensation Entitlement Matrix

Type of Loss	Application	Definition of APs	Compensation Entitlements
Land			
Permanent loss of agricultural and non-agricultural land (e.g. tower sitting, enhancement of access roads)	PAPs permanently losing agricultural land regardless of impact severity	Registered owners	<p>For agricultural lands - Cash compensation at full replacement cost at current market value without deduction of depreciation value and transaction fees or replacement land of same value of land lost and at location acceptable to PAPs where feasible. If any remaining part of the land owned by the registered owners is no longer appropriate for use, such remaining part will be purchased subject to the agreement with the owner.</p> <p>For non-agricultural lands - Cash compensation at full replacement cost at market value without deduction of depreciation value and transaction fees.</p>
		Legalizable Owner	<p>For agricultural lands - These PAPs will be legalized and provided with cash compensation at full replacement cost of land.</p> <p>This compensation entitlement will also apply to the legalizable owners using unregistered land plots far from their residence, without registration of such land.</p> <p>For non-agricultural lands - these PAPs will receive the cash compensation as legalized owners after their title will be legalized and registered at the public register.</p>
		Renters/Lease	Non eligible for land compensation; though, they are eligible for allowance considered in the Entitlement Matrix for other losses.
		Non-legalizable owners (squatters/encroachers)	Non-legalizable PAPs losing agricultural land plot, which is the only land plot used

Type of Loss	Application	Definition of APs	Compensation Entitlements
			and provides main source of income for AH, will be compensated with one time allowance in cash equal to 1 year of minimum subsistence income (322 GEL X 12 = 3,864 GEL). Besides, they will be paid allowance considered in the Entitlement Matrix for other losses.
Restrictions on use land (e.g. easement for TL's right of way)	PAP not losing their land falling within RoW, but land use restrictions imposed (prohibition of constructing structures and planting trees)	Registered owners	Easement agreement will include a lump sum easement fee payable to the owner. Such fee to be established by an independent valuation experts.
		Legalizable Owner	These PAPs will be legalized and the owner will receive easement fee as a lump sum in the amount to be determined by an independent valuation experts
		Renter/Leaseholder	Not eligible for easement fee for land-use restriction; though, they are eligible for allowance considered in the Entitlement Matrix for other losses.
		Non-legalizable users	Not eligible for easement fee for land-use restriction; however, PAP will receive allowance for other losses, as per Entitlement Matrix.

Buildings and Structures

Residential buildings	Landlords /tenants of houses within the entire RoW are subject to physical displacement, as presence of residential structures within the ROW is prohibited	Registered owners	In addition of compensation for loss of land, PAPs will receive compensation and replacement value for the house and will be provided with resettlement assistance to ensure that the family relocates in a new house with access to services and security of tenure.
		Legalizable Owners	These PAPs will be legalized and in addition of compensation for loss of land, PAPs will receive compensation and replacement value for the house and will be provided with resettlement assistance to ensure that the family relocates in a new house with access to services and security of tenure
		Renter/Leaseholder	Non eligible for compensation for the house. The PAP will be informed well in advance to move and receive the equivalent of three months' rent and support to transport belongings to new location.
		Non-legalizable users	Non eligible for compensation for land, but will receive compensation at full replacement cost for the house and will receive additional assistance to ensure that adequate housing with security of tenure and access to services is provided.
Non-residential structures (barns, irrigation, fences, etc.)	Entire RoW, where deployment of some non-	Registered owners	Compensation at full replacement cost for lost structures, in addition of compensation for loss of land.

Type of Loss	Application	Definition of APs	Compensation Entitlements
	residential structures is prohibited	Legalizable Owner	These PAPs will be legalized and receive compensation at full replacement cost for lost structures, in addition of compensation for loss of land.
		Renter/Leaseholder	Non eligible
		Non-legalizable users	Eligible for compensation at full replacement cost of all structures built by the non-legalizable user
Loss Of Community Infrastructure/Common Property Resources			
Loss of common property and/or resources	Community/Public Assets	Community/Government	Reconstruction of the lost structure or reestablishment of agricultural lands in consultation with community and restoration of their functions
Loss of Income and Livelihood			
Crops	Standing crops affected or loss of planned crop incomes**	All PAPs regardless of legal status (including registered owners, legalizable, non-legalizable users, and renters)	When possible people will be given enough time to harvest existing crops. Crop compensation in cash at gross market value of actual or expected harvest. Compensation for this item will be provided even in case if the crops were harvested. This compensation is in addition for compensation for permanent acquisition of land or easement fee.
Trees	Removal of trees from the ROW	All PAPs regardless of legal status (including registered owners, legalizable, non-legalizable users, and renters)	Cash compensation at market rate on the basis of type, age market price of product and the productive life of the trees. This compensation is in addition for compensation for permanent acquisition of land or easement fee
Business/Employment	Business/employment loss	Business owner	(i). (permanent impact) cash indemnity of 1 year net income; (ii) (temporary impact) cash indemnity of net income for months of business stoppage. Assessment to be based on tax declaration or, in its absence, minimum subsistence income.
		Workers/employees:	Indemnity for lost wages equal to 3 months of minimum subsistence income and job trainings.
Allowances			
Severe Impacts	>10%loss of productive lands	APs losing permanently (sitting of towers) more than 10% of affected agricultural land (including registered owners, legalizable and non-legalizable users.	Additional allowance equivalent to market value of two-year yield from affected land or compensation for 3 months of minimum subsistence income Other income: 1 additional compensation for 3 months of minimum subsistence income. 322

Type of Loss	Application	Definition of APs	Compensation Entitlements
		Renters are not eligible)	GEL per month x 3 months=966 GEL per AH).
Transportation for physical relocation of houses	Transport/transition costs	All PAPs to be physically relocated(including registered owners, legalizable, non-legalizable users, and renters)	Provision of allowance covering transport expenses and a livelihood expenses for the transitional period for 3 months equal to 3 months of minimum subsistence income. 200 GEL as vehicle hire charge +322 GEL as minimum subsistence income x 3 months = 1,166 GEL per AH
Vulnerable people allowances	Impact on vulnerable people	AFs below poverty line, single mother headed household, disabled or elderly	Allowance equivalent to 3 months of minimum subsistence income* and employment priority in project-related jobs 322 GEL as minimum subsistence income per month for 3 months= 966 GEL per AH)
Temporary use of land			
Temporary use of land during construction	Lease of land for project purposes (e.g. camps, storage)	All PAPs	Civil works Contractor will lease land required temporarily during construction on voluntary basis (e.g., willing leaser-willing lessee basis). Landowner will have right to refuse the offer. The maximum period for temporary use is defined as 4 years. Lease rates to be paid should not be less than lease at current market rates, plus compensation for any loss of crops or tress at gross value of 4 year's harvest of crops on the affected lands. It is also required that lands (or other assets) be fully cleared and restored following use.
Construction impacts not related to land acquisition¹¹			
Damages to houses, buildings, and structures affected during construction.	In relation to impacts that are not related to land acquisition such as potential damages of vibrations or discomfort caused by road traffic.	All PAPs regardless of legal status	Construction contractor will conduct assessment of damages, compare with existing baseline information and corresponding remedial actions (e.g. reparations, etc.) proposed to the affected party. If damages cannot be mitigated or fixed the affected houses and other buildings will be managed in accordance to the principles of the RPF, this RAP and it will be compensated in full for the whole building irrespective of the specific degree of impact. Compensation will be provided in cash at replacement cost free of deductions for depreciation, transaction costs or salvaged materials. All relevant PAPs are entitled to this provision by default irrespective of the registration status of the affected item. Salvaged materials after demolition of the building are deemed to be owned by the AH.

Compensation Matrix

I. Permanent loss of land

The registered owners of the land plots or owners with their title capable of being legalized under the effective legislation, will receive the monetary compensation of the substitution value of their affected land plots, or in case there are available land resources and the affected persons requires so, of a substitution land plot with the same fertility and area. All affected owners having purchased the land, received the land as heirs or through the state privatization process, will be eligible to the compensation.

The squatters with their title to the land impossible to legalize, are not eligible to the land compensation, but they will receive the compensation for the real estate, trees, lost harvest and/or lost incomes (suspended business, etc.).

The affected land tenants shall be given the opportunity to rent alternative agricultural land plots provided there are due land resources in the state reserve.

II. Limitation of the land use/ownership, the servitude

The land owners shall be compensated for the hampered agricultural activities or delay in using their lands, as well as for plantings, agricultural crops and/or real property during the construction and operation on the land under the servitude (limitation of title).

III. Loss of real property

In case of a loss of a residential or non-residential buildings (total loss of bad damage (over 20%-if agreed better to state it in the Entitlement Matrix as well), the owners of the buildings and premises, despite their legal status, will receive the monetary compensation of the substitution value of their lost property, without any deduction, fees, bank service percent or value of depreciation.

In case of minor damages to the buildings or premises, the owner is eligible to the rehabilitation or the building or monetary compensation necessary to restore the damaged building or premise by considering the market prices of the construction materials and services.

In case the roadside commercial premises (e.g. booths, gas stations, restaurants, etc.) get damaged, the owners are eligible to the monetary compensation with the substitution value without depreciation or relocation of the premise/building to a near safe location to run the same business.

Loss of fruit-bearing trees. In such a case, the owner is eligible to the monetary compensation of the market value of the trees by considering the type and age of the trees and harvest they give.

IV. Loss of annual crop harvest

The affected owners of the crops, despite their legal status, shall receive the monetary compensation in the amount of the expected harvest lost due to the construction.

V. Loss of income due to the suspended business

The affected persons are eligible to the monetary compensation for the damage they experience due to the temporal suspension of their businesses and/or relocation their businesses to new locations. The amount of compensation shall be calculated based on the income fixed in the Income Declarations. The households and persons affected due to the temporal loss of the access roads to their agricultural plots belong to the same category, and shall receive the monetary compensation adequate to the lost harvest.

Grievance Resolution Process

92. Stage 1 – The member secretary of GRCs and Rayon level LAR Team will be regularly available and accessible for APs to address concerns and grievances. The APs shall be informed of the details of contact persons to whom complaints were submitted. The contractor Rtsmunebuli and Sakrebulo shall be warned that all complaints they may receive from APs shall be immediately submitted to the contact persons of GRC (coordinator and secretary), which will then organize a meeting and

informally review the complaint with the aggrieved AP. If the AP is not satisfied, the GRC shall assist him/her in lodging an official complaint to the relevant body (i.e. Roads Department). The complaints and grievances from the APs will be addressed through the process described below in Table 7.1.

Table B2: Grievance Resolution Process

Steps	Action level	Process
Step 1	Negotiations with APs	The complaint is informally reviewed by the GRC, which takes all necessary measures to resolve the dispute amicably.
Step 2	GRC Resolution	<p>If the grievance is not solved during the negotiations, the GRC will assist the aggrieved APs to formally lodge the grievances to the GRC.</p> <p>The aggrieved APs shall submit their complaints to the GRC within 1 week after completion of the negotiations at the village level. The aggrieved AP shall produce documents supporting his/her claim. The GRC member secretary will review the complaint and prepare a Case File for GRC hearing and resolution. A formal hearing will be held with the GRC at a date fixed by the GRC member secretary in consultation with Convener and the aggrieved APs.</p> <p>On the date of hearing, the aggrieved AP will appear before the GRC at the Gangeoba office for consideration of grievance. The member secretary will note down the statements of the complainant and document all details of the claim.</p> <p>The decisions from majority of the members will be considered final from the GRC at Stage 1 and will be issued by the Convener and signed by other members of the GRC. The case record will be updated and the decision will be communicated to the complainant AP.</p>
Step 3	Decision from central GSE	<p>If any aggrieved AP is unsatisfied with the GRC decision, the next option will be to lodge grievances to the GSE at the national level. The GSE shall review the complaint in compliance with the procedures specified in the Administrative Code of Georgia.</p> <p>GRC should assist the plaintiff in lodging an official complaint (the plaintiff should be informed of his/her rights and obligations, rules and procedures of making a complaint, format of complaint, terms of complaint submission, etc).</p> <p>The plaintiff shall be informed of the decision.</p>
Step 4	Court decision	<p>If the GSE decision fails to satisfy the aggrieved APs, they can pursue further action by submitting their case to the appropriate court of law (Rayon Court).</p> <p>The aggrieved AP can take a legal action not only about the amount of compensation but also any other issues, e.g. occupation of their land by the contractor without their consent, damage or loss of their property, restrictions on the use of land/assets, etc.</p>

Complaints and Grievance Submission Form

Akhaltsikhe #	
Name, Last name	
Contact Information	<input type="checkbox"/> Mail: Please indicate the postal address:
Please indicate the preferable means of communication (Mail, Telephone, E-mail)	_____

	<input type="checkbox"/> Telephone:
	<input type="checkbox"/> E-mail: _____
The language desirable for the communication	<input type="checkbox"/> Georgian
	<input type="checkbox"/> English
	<input type="checkbox"/> Russian
Describe the grievance/claim: What is the complaint about? What is the claim?	
Date of Negotiation:	Resolution of Negotiation:
What is the basis of your claim?	
Signature: _____ Date: _____	

With any comments and questions regarding the Project, please apply to:

Georgian State Electrosystem JSC
 The Hotline Tel: +995 577 650428,
 Address: 2, Baratashvili St., Tbilisi 0105, Georgia
 The Social Development Specialist: Mamuka Kakhidze Mob: 57750428 E-mail: mamuka.kakhidze@gse.com.ge

or
 Adjaristskqali Georgia LLC.
 Tel: +995 577 509222, from 10:00 am to 4:00 pm, Monday to Friday
 Address: No. 6, Irakli Sbashidze Street, Batumi 0601, Georgia
 E-mail: adjara220kv@gmail.com

or
 Environmental and Social Impact Assessment Group
 DG Consulting Ltd.
 E-mail: akhaltsikhebatumiohl@gmail.com

The Project information will be updated regularly and will be available on the Adjaristskqali Georgia LLC. Web-site: www.adjaristskqali.com

ANNEX 3

**PUBLIC CONSULTATIONS
RAP
Transmission Grid Strengthening Project (P147348)**

**Stakeholder Consultations
on the Environmental on the Resettlement Issues
(Akhaltsikhe Municipality, July 24, 2015)**





**Persa, Mugareti, Giorgi Tsminda, Akhaltsikhe Municipality, July 24, 2015;
Meeting with local population - #1**

შეხვედრის ოქმი

რაიონი: ახალციხე

სოფელი: ვახეს + მეგაბერი - კახეთის რაიონი

თარიღი: 24 ივლისი 2015წ.

	სახელი და გვარი	სოფელი	რაიონი	ტელეფონის ნომერი	ხელმოწერა
1	მხეიბა ავალიანი	ვახეს	ახალციხე		
2	სოსო ნიკოლაძე	კახეთის რაიონი		577600592	
3	ვახე ავალიანი	ვახეს		577396762	
4	მანუჩარ ხაჩიძე	კახეთის რაიონი		593352797	
5	მანუჩარ ავალიანი	მეგაბერი		241045	
6	გიორგი ავალიანი	მეგაბერი			
7	ნინო ბერიძე	მეგაბერი		888592	
8	მეგაბერი ვაჩაშვილი	კახეთის რაიონი		591814025	
9	ვახე ნიკოლაძე	ვახეს			
10	მანუჩარ ხაჩიძე	ვახეს		555113562	
11	მანუჩარ ხაჩიძე	ვახეს		790167174	
12	მანუჩარ ხაჩიძე	ვახეს			
13	სოსო ავალიანი	ვახეს		598282651	
14	ნინო ხაჩიძე	ვახეს			
15	მანუჩარ ხაჩიძე	კახეთის რაიონი		579709979	
16	მანუჩარ ხაჩიძე	კახეთის რაიონი		557256130	
17	ნინო ხაჩიძე	ვახეს		578690468	
18	მანუჩარ ხაჩიძე	მეგაბერი		551370087	
19	მანუჩარ ხაჩიძე	ვახეს		574666649	
20	მანუჩარ ხაჩიძე	ვახეს		568911028	
21	მანუჩარ ხაჩიძე	ვახეს		568800840	
22	მანუჩარ ხაჩიძე	ვახეს		599504623	
23	მანუჩარ ხაჩიძე	კახეთის რაიონი		593568573	
24	მანუჩარ ხაჩიძე	კახეთის რაიონი		579172907	
25	მანუჩარ ხაჩიძე	ვახეს		599003093	
26	მანუჩარ ხაჩიძე	კახეთის რაიონი		598427262	
27	მანუჩარ ხაჩიძე	კახეთის რაიონი		555982592	
28	მანუჩარ ხაჩიძე	კახეთის რაიონი		595589186	
29	მანუჩარ ხაჩიძე	ვახეს		549609721	
30	მანუჩარ ხაჩიძე	კახეთის რაიონი		591499212	
31	მანუჩარ ხაჩიძე	ვახეს		568708903	
32	მანუჩარ ხაჩიძე	კახეთის რაიონი		5	
33	მანუჩარ ხაჩიძე	კახეთის რაიონი		594058055	
34	მანუჩარ ხაჩიძე	ვახეს		57701015	
35	მანუჩარ ხაჩიძე	კახეთის რაიონი		593123100	
36	მანუჩარ ხაჩიძე	ვახეს			

	Question	Answer
1	What are the compensation rates? What is the land compensation rate?	Independent auditors are setting the land market price at the moment based on relevant research of land market and valuation of your land plots according to the methodology, which has been presented to you today on this meeting. The methodology is also described in a leaflet.
2	Will it have any influence on health? What about plants under the lines?	All productive trees that are expected to have any impact are subject to compensation. There are limitations prescribed in the leaflet regarding the trees under the lines. (Discussed in details). There will be no health impact.
3	We need to see experts' findings how safe is 220 kV line is for locals?	You can request project documentation from the project team including expert findings.
4	Is it possible to move the line out of the village? There is a possibility of moving without additional expenses	The line is projected in a best possible manner to cause less sufferings for the locals.
5	Buffer zone is near the homes/auxillary buildings and we want to know whether there will be any compensation?	Only the structures that will be destroyed / damaged are subject of compensation.
<p>Suggestion: There are two high voltage lines outside the village already, residents of the village suggested to move the line next to the existing ones. Also, the planned line crosses the local school and kindergarten territory, so locals recommended moving the line from this territory, preferably outside the village.</p>		

Tskhruti, Akhaltsikhe Municipality, July 24, 2015; Meeting with local population - #2

შეხვედრის ოქმი

რაიონი: ახალქალაქი

სოფელი: წყვიტი

თარიღი: 24 ივლისი 2015წ.

	სახელი და გვარი	სოფელი	რაიონი	ტელეფონის ნომერი	ხელმოწერა
1	საბოძი ვაჟაძე	წყვიტი	ახალქალაქი	595159708	[Signature]
2	ბინიანი მინია	---	---	599284625	[Signature]
3	ქობულაძე ს.ლ.	---	---	855992939	[Signature]
4	საბოძი შიყვი	---	---	595551697	[Signature]
5	საბოძი ანდრია	---	---	599905853	[Signature]
6	საბოძი ხუცი	---	---	598648722	[Signature]
7	საბოძი დავით	---	---	599145731	[Signature]
8	საბოძი მამია	---	---	568830696	[Signature]
9	დვინი ქაჯიშვილი	---	---	568773337	[Signature]
10	საბოძი სიმონ	---	---		[Signature]
11	საბოძი ვაჟაძე	---	---	568896188	[Signature]
12	საბოძი ხუცი	---	---	571393976	[Signature]
13	საბოძი ანდრია	---	---	579209021	[Signature]
14	საბოძი ხუცი	---	---	571507091	[Signature]
15	საბოძი მამია	---	---	599429292	[Signature]
16	საბოძი ვაჟაძე	---	---	597747668	[Signature]
17	საბოძი შიყვი	---	---	599145860	[Signature]
18	საბოძი ხუცი	---	---	579552215	[Signature]
19	საბოძი მამია	---	---	595553733	[Signature]
20	საბოძი ს.ლ.	---	---	599386474	[Signature]
21	საბოძი ხუცი	---	---	595641677	[Signature]
22	საბოძი დავით	---	---	593966794	[Signature]
23	საბოძი დავით	---	---	5	[Signature]
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					

	Question	Answer
1	How are the compensations calculated?	Independent auditors are setting the land market price at the moment based on relevant research of land market and valuation of your land plots according to the methodology, which has been presented to you today on this meeting. The methodology is also described in a leaflet.
2	What is the radiation of 220 kV line and is it hazardous for humans? Is there an expert's finding available?	No damage to human health is expected due to the radiation from the lines. You can request expert findings from the project team.
3	I was going to build a house for my son, now it is not possible. How will they compensate in my case?	There are no compensation mechanisms for the planned buildings.
4	The line is very close to my house, although the house is not in the buffer zone, I think I should be compensated.	Only the structures that will be destroyed / damaged are subject of compensation.
Suggestion: Residents of the village suggested to move the line next to the existing high voltage line.		

Ude, Bolajuri, Akhaltsikhe Municipality, July 24, 2015; Meeting with local population - #3

შეხვედრის ოქმი

რაიონი: აჭარა
 სოფელი: აქეთი ზღაპრები
 თარიღი: 24 ივლისი 2015წ.

	სახელი და გვარი	სოფელი	რაიონი	ტელეფონის ნომერი	ხელმოწერა
1	აბრამიძე გიორგი	აქეთი	აჭარა	593 2537.98	<i>[Handwritten Signature]</i>
2	ჩუბინაძე მამუკა	—	—	593 9465.67	<i>[Handwritten Signature]</i>
3	ბერიძე გიორგი	—	—	595 2261 00	<i>[Handwritten Signature]</i>
4	ბერიძე გიორგი	—	—	595 9558.00	<i>[Handwritten Signature]</i>
5	ბერიძე გიორგი	—	—	577 7189 90	<i>[Handwritten Signature]</i>
6	ვახტანგაძე	ზღაპრები	—	599 90 2726	<i>[Handwritten Signature]</i>
7	ბერიძე გიორგი	აქეთი	—	593 788843	<i>[Handwritten Signature]</i>
8	ბერიძე გიორგი	ზღაპრები	—	591 412155	<i>[Handwritten Signature]</i>
9	ბერიძე გიორგი	აქეთი	—	599 649897	<i>[Handwritten Signature]</i>
10	ბერიძე გიორგი	—	—	572 807 708	<i>[Handwritten Signature]</i>
11	ბერიძე გიორგი	—	—	598 725999	<i>[Handwritten Signature]</i>
12	ბერიძე გიორგი	—	—	526 71 7159	<i>[Handwritten Signature]</i>
13	ბერიძე გიორგი	—	—	599	<i>[Handwritten Signature]</i>
14	ბერიძე გიორგი	—	—	598 53 7792	<i>[Handwritten Signature]</i>
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					

	Question	Answer
1	What are the compensation criteria? What if there is a fruitful tree in my land?	Independent auditors are fixing the land market price at the moment based on relevant research of land market and valuation of your land plots according to the methodology, which has been presented to you today on this meeting. The methodology is also described in a leaflet.
2	Is the buffer zone also categorized?	Buffer zone is not categorized.
3	How line will affect humans and environment?	No damage to human health is expected due to the radiation from the lines. You can request expert findings from the project team.
4	When will the compensations start?	Project team will be communicating with locals and no works related to the private property will commence until the agreements are entered into the force.
5	There are fish lakes under the lines, also pastures in buffer zone – will you move this?	The project will not damage any public or private property if it is not preliminarily agreed with the locals and compensation rules are defined.
6	I bought the land but have not registered yet – how the compensation will be done?	The project team will cover land registration fees as well as help affected households with registration procedures.