

# Social Monitoring Report

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#1 Semestral Report

Project Number: 46391-001

Feb 2017

## VIE: Ha Noi and Ho Chi Minh City Power Grid Development Sector Project

# **Internal Monitoring Report**

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Stage of the document: Draft

Project/loan number: 3161 VIE

Period: January- June 2016

## **VIE: Ha Noi and Ho Chi Minh City Power Grid Development Sector Project**

## **CURRENCY EQUIVALENTS**

(as of February 2016)

USD \$ 1 = VND 22,200

## **ACRONYMS AND ABBREVIATIONS**

ADB	-	Asian Development Bank
AHs	-	affected households
APs	-	affected persons
CP	-	compensation plan
CPC	-	Commune People's Committee
DCARB	-	District Compensation, Assistance and Resettlement Board
DMS	-	detailed measurement survey
DPC	-	District Peoples Committee
DPs	-	displaced persons
EA	-	executing agency
EMA	-	external monitoring agency
GOV	-	Government of Viet Nam
IA	-	implementing agency
IOL	-	inventory of losses
km	-	kilometer
kV	-	kilovolt
LURC	-	land use right certificate
MOLISA	-	Ministry of Labor, Invalid and Social Affairs
MONRE	-	Ministry of Natural Resources and Environment
m <sup>2</sup>	-	square meter
MFF	-	multi-tranche financing facility
NPT	-	National Power Transmission Corporation
PECC3	-	Power Engineering Consulting Joint Stock Company 3
PIB	-	Public Information Brochure
PIC	-	Project Implementation Consultants
PPC	-	Provincial People's Committee
RCS	-	replacement cost study
ROW	-	right-of-way
RP	-	Resettlement plan

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SPPMB	-	Southern Vietnam Power Project Management Board
SES	-	socioeconomic survey
SPS	-	Safeguard Policy Statements
TA	-	technical assistance
TL	-	transmission line
VND	-	Vietnam Dong (Vietnamese Currency)

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## I. General information of the project

### 1. Project objectives

1. The Project provides for a sector project under Asian Development Bank (ADB) fund to strengthen the capacity and reliability of the power infrastructure in Ha Noi and Ho Chi Minh City through the rehabilitation and development of the 220 kilovolt (kV) and 110 kV transmission system and associated substations to supply their medium voltage (MV) distribution system. The Project will also strengthen the institutional capacities of EVN Hanoi (EVNHN) and EVN Ho Chi Minh City (EVNHCMC), which are responsible for the power supply in their respective areas. Additionally, the project includes a smart grid component under Clean Technology Funding (CTF).

2. **Impact and Outcome.** The impact will be increased capacity and reliable supply of electricity to EVNHN and EVNHCMC customers contributing to Viet Nam's economic development. Its outcome will be increased capacity and reduced losses in the 220 kV and 110 kV networks for the two cities.

3. **Outputs.** The outputs of the project will be (i) four core substation and transmission line subprojects in Hanoi; (ii) four core substation and transmission line subprojects in Ho Chi Minh City; (iii) Distribution Automation System (DAS) Advanced Metering Infrastructure (AMI) and SCADA Upgrade CTF projects in Hanoi; (iv) DAS and Low Loss Conductor (LLC) CTF projects in Ho Chi Minh City; (v) up to 20 non-core substation and transmission line subprojects in Hanoi, and (vi) nine non-core substation and transmission line subprojects in Ho Chi Minh City.

### 2. Project components

4. The Project will be implemented as a sector loan. EVNHanoi has proposed four core projects and 20 noncore projects (Table 1). The Project was prepared since 2013 with four (04) core subprojects. To date, the status of social safeguard document preparation for the Project is as follows:

**Table 1. List of Subprojects and Status of Social Safeguard Document Preparation**

No	Subproject	RP/DDR	Updated RP	Construction
<b>1</b>	<b>Core subprojects</b>			
1.1	New development of Noi Bai Airport 110kV Substation and associated 110 kV line	RP	Done	Operating
1.2	Rehabilitation of E1.7 Son Tay 110 kV Substation	Consolidated RP	DDR - Not yet	Under construction
1.3	Rehabilitation and upgrading of E12 Tran Hung Dao 110 kV Substation		DDR - Not yet	Not yet
1.4	Rehabilitation and upgrading of E13 Phuong Liet 110 kV Substation		DDR - Not yet	Not yet
<b>2</b>	<b>None Core</b>			
2.1	220 kV Chem-Tay Ho Transmission Line	RP	Done	Operating
2.2	110 kV Mo Lao SS and connection line	RP	DDR - done	Operating
2.3	110 kV Tay Ho Tay SS and connection line	N/A	N/A	
2.4	Upgrading of transformer T2, renovation of E 10.4 Tia 110 kV SS	RP	Not yet due	Not yet
2.5	Installation of new transformer T3, E1.20 Thanh Xuan 110 kV SS	DDR	Not required	Under construction
2.6	Extension of E5 Thuong Dinh SS	DDR	Not required	Document under preparation

2.7	New development of 110 kV Phu Nghia SS and connecting line	RP	Not yet	Not yet
2.8	New development of 110 kV Ba Vi SS	N/A	N/A	
2.9	110 kV Tay Ho - Yen Phu Underground Cable Line (UGC)	DDR	Not required	Not yet
2.10	New development of 110 kV Phung Town SS and connecting line	N/A		
2.11	New development of 110 kV Ngoc Hoi SS and connecting line	N/A		
2.12	110 kV Thanh Cong – Thuong Dinh UGC	N/A		
2.13	110 kV transmission line from 500/220 kV Thuong Tin SS to Thanh Oai	RP	Not yet	Not yet
2.14	Connecting line to 220 kV Son Tay SS	RP	Not yet	
2.15	110 kV Transmission line from 500 kV Thuong Tin SS to E1.34 Quat Dong and E10.4 Tia substations	N/A		
2.16	New development of 110 kV Chuong My (1x40 MVA) SS and 110 kV Thanh Oai-Chuong My transmission line	N/A		
2.17	110 kV Bac An Khanh-Nam An Khanh Transmission line	N/A		
2.18	New development of 110 kV Sai Dong 2 (Industrial park Sai Dong) SS	N/A		
2.19	110 kV Connecting line to Sai Dong 2	N/A		
2.20	Upgrading of E10.7Thach That 110 kV SS	N/A		

Source: Compiled from prepared DDRs and RPs by the Consultant.

### 3. Scope of project impacts

5. In accordance with the selection criteria of the Project, the selected subprojects for financing under the Project are classified as Category C or Category B in terms of social safeguards under ADB's Safeguards Policy Statement (SPS, 2009). As of now, the involuntary resettlement impacts have been identified and their respective social safeguards documents have been prepared for four (04) core projects and eight (08) noncore subprojects (namely: Mo Lao s/s, Thanh Xuan s/s; Thuong Dinh s/s; Phu Nghia s/s; Tia s/s; Thuong Tin- Thanh Oai TL; Son Tay TL; and Chem- Tay Ho TL- According to the internal monitoring report for the second quarter). In which, the scope of impacts of each subproject are as follows:

**Table 2. Number AHs in each subproject**

<b>Subproject</b>	<b>Total affected area</b>	<b>Total of AH/organization</b>	<b>Impact on structure</b>	<b>Impact on crop (m2)</b>	<b>Impact on tree (tree)</b>
<b>Total</b>	<b>28,847.2</b>	<b>393</b>	<b>2</b>	<b>3,937</b>	<b>55</b>
New development of 110kV Noi Bai Airport and 110kV line	10,812.70	176	1	0	55
Rehabilitation of 110kV Son Tay Substation E1.7	0	0	0	0	0
Rehabilitation, upgrading of 110kV E12 Tran Hung Dao substation	0	0	0	0	0
Rehabilitation, upgrading of 110kV Phuong Liet Substation E13	0	0	0	0	0
220kV Chem - Tay Ho transmission line	1,182.50	49	0	0	0
SS Mo Lao and connecting line 110 kV	3,703	0	0	0	0
SS 110 kV Tay Ho Tay and connecting line 110 kV	N/A	N/A	N/A	N/A	N/A
Upgrading of transformer T2, renovation of 110 kV Tia - E10.4 SS	4,062	8	1	3,937	0
Installation of new transformer T3, 110 kV Thanh Xuan - E1.20 SS	775	0	0	0	0
Extension of Thuong Dinh - E5 SS	N/A	N/A	N/A	N/A	N/A
New development of 110 kV Phu Nghia SS and 110 kV connecting line	2,916	86	0	0	0
New development of 110 kV Ba Vi SS	N/A	N/A	N/A	N/A	N/A
UGC 110 kV Tay Ho - Yen Phu	0	0	0	0	0
New development of 110 kV Phung Town SS and connecting line	N/A	N/A	N/A	N/A	N/A
New development of 110 kV Ngoc Hoi SS and connecting line	N/A	N/A	N/A	N/A	N/A
UGC 110 kV Thanh Cong - ThuongDinh	N/A	N/A	N/A	N/A	N/A
Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai	5,396	74	0	0	0
Connecting line to SS 220 kV Son Tay	N/A	N/A	N/A	N/A	N/A
Transmission line 110 kV from SS 500 kV Thuong Tin to SS E1.34 Quat Dong and to SS E10.4 Tia	N/A	N/A	N/A	N/A	N/A
New development of 110 kV Chuong My (1x40 MVA) SS and transmission line 110 kV Thanh Oai - Chuong My	N/A	N/A	N/A	N/A	N/A
Transmission line 110 kV Bac An Khanh - Nam An Khanh	N/A	N/A	N/A	N/A	N/A
New development of 110 kV Sai Dong 2 SS (Industrial park Sai Dong)	N/A	N/A	N/A	N/A	N/A



New development of SS 110 kV Phung town and connecting line	N/A	N/A	N/A	N/A	N/A	N/A	N/A
New development of SS 110 kV Ngoc Hoi and connecting line	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UGC 110 kV Thanh Cong - ThuongDinh	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai	5,396	0	0	5,396	0	5,396	0
Connecting line to SS 220 kV Son Tay	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Transmission line 110 kV from SS 500 kV Thuong Tin to SS E1.34 Quat Dong and to SS E10.4 Tia	N/A	N/A	N/A	N/A	N/A	N/A	N/A
New development of SS 110 kV Chuong My (1x40 MVA) and transmission line 110 kV Thanh Oai - Chuong My	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Transmission line 110 kV Bac An Khanh - Nam An Khanh	N/A	N/A	N/A	N/A	N/A	N/A	N/A
New development of SS 110 kV Sai Dong 2 (Industrial park Sai Dong)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Connecting line 110 kV to Sai Dong 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Upgrading of SS 110 kV E10.7-Thach That	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Source: Compiled from the DMS of CARB

The specific impacts caused by each subproject are described in the section below.

## Core Projects

### 1. 110kV Noi Bai Airport SS and 110kV connection line

8. The new 110 kV Noi Bai Substation is located in Phu Cuong Commune of Soc Son District, Ha Noi City. The construction of the new 110kV Noi Bai substation and transmission line requires land acquisition of 10,812.7m<sup>2</sup> belonged to 176 households. The acquired agricultural land area is 10,598m<sup>2</sup>, accounting for 98% of the total permanently acquired area of the subproject whereas the remaining area is for aquaculture purpose, making up 2%. The temporarily acquired area is 5,100 m<sup>2</sup> for material gathering during construction period and 14,900 m<sup>2</sup> of land are within the right-of-way (ROW), which can still be used to grow low-lying crops by affected households.

### 2. 110kV Son Tay E1.7 SS

9. The Son Tay Substation is located in Xuan Khanh Ward in Son Tay Town in a peri-urban area of Ha Noi. This subproject will be carried out within the boundary of the existing 110kV Son Tay substation, and thus does not cause any additional social safeguard impacts. The construction of the substation will not require any acquisition but borrow 1,200 m<sup>2</sup> of land for workers' camp. The rental for temporary land acquisition has been paid to serve construction activities for the period from May 2016 to May 2017.

### **3. 110kV E12 Tran Hung Dao SS**

10. The existing Tran Hung Dao 110/22/10 kV 2x63 MVA substation is located in Phan Chu Trinh Ward, Hoan Kiem District. This subproject will be carried out within the boundary of the 110kV Tran Hung Dao substation, and thus does not cause any additional social safeguard impacts. The construction of the substation will not require any acquisition.

### **4. 110kV Phuong Liet E13 SS**

11. The existing Phuong Liet Substation is located in the densely populated area of Phuong Mai Ward, Dong Da District. This subproject will be carried out within the boundary of the existing 110kV Phuong Liet substation, and thus does not cause any additional social safeguard impacts. The construction of the substation will not require any acquisition.

## **Noncore Projects**

### **5. 220 kV Chem - Tay Ho TL**

12. The construction of the 220 kV Transmission line from 220kV Chem substation to 220kV Tay Ho substation requires land acquisition of 1,182.5m<sup>2</sup> belonged to 49 households. All of which is agricultural land. None of structure or shop is affected by the subproject.

13. A total of 6,250 m<sup>2</sup> of land are affected temporarily due to land acquisition during construction period to serve the construction of new tower foundations and displacement of the existing towers. All of the temporarily affected area is annual crop land. No residential land is affected. The temporarily affected land is restored and returned immediately after the construction is completed. People can still use the area under the ROW to plant crops; houses are allowed to exist within the ROW in accordance with the ROW safety regulations. However, it is limited to plant trees exceeding 6 meters in height that can affect the safety of the power grid in accordance with Decree 14/2014/ND-CP.

14. All of the permanently and temporarily acquired land is agricultural land being used to grow peach tree, pot plants and vegetables. There is no severely affected household, vulnerable household as well as household who might be worsened off due to the project impacts.

### **6. Upgrading of transformer T2, renovation of 110 kV Tia - E10.4 SS**

15. The expansion of 110 kV Tia substation permanently acquires land area of 4,062m<sup>2</sup> including 124.5m<sup>2</sup> belonged to two (02) households (making up of eight people) and 3,936.42 m<sup>2</sup> of public land under the management of To Hieu CPC.

16. Of the total area of public land under the CPC's management, 3,446.82 m<sup>2</sup> are agricultural land leased for two (02) households for aquaculture purpose and 489.6 m<sup>2</sup> of non-agricultural land. The extension and upgrading of the second transformer is constructed within the area of the existing substation. Thus, there is no impact on houses of people, no temporarily acquired land during construction process and no household has to relocate.

### **7. 110kV Mo Lao SS and 110 kV connection line**

17. The construction of the new Mo Lao SS will be carried out on the already-acquired area within the 3,703 m<sup>2</sup> Mo Lao Urban Area of Mo Lao Urban Area Management Board, thus does not cause any additional social safeguard impacts.

### **8. Installation of new transformer T3, 110 kV Thanh Xuan substation- E1.20**

18. The Third Transformer Bank at 110 kV Thanh Xuan Substation (SS) is installed based on the expansion of the existing 110 kV Thanh Xuan SS to the Southwest. The existing 110 kV Thanh Xuan SS

is located at Me Tri Ward, South Tu Liem District, Hanoi City. Expansion of 110kV Thanh Xuan substations acquires 750 m<sup>2</sup> land within area which is under the management of Hanoi City People's Committee (City PC) and thus no safeguard issue is expected. The project does not cause any permanent land acquisition and economic impacts to any households. There will be some minor temporary impacts during construction due to the access road.

#### ***9. 110 kV Phu Nghia SS and 110 kV connection line***

19. The construction of the new 110kV Phu Nghia SS will be carried out on the already-acquired area within the 2,916m<sup>2</sup> industrial park area in Phu Nghia industrial park, Chuong My district, and thus does not cause any additional social safeguard impacts. The construction of the substation will acquire 2,916m<sup>2</sup> under the management of Phu Nghia industrial park Management Board.

20. Of the three components of the Subproject, the construction of the new 110 kV Phu Nghia SS and the installation of two new bays at the existing 220 kV Xuan Mai SS will not involve land acquisition. Hence, only the 110 kV Phu Nghia- Xuan Mai connection requires permanent land acquisition for the tower foundations. In addition, the other types of land impact caused by the connection TL is associated with the safety restrictions imposed on the continued use of land inside the ROW of the connection line and temporary impacts on land due to construction activities. Of the total 250,245.1 m<sup>2</sup> of land affected by the 110 kV Phu Nghia-Xuan Mai connection line, 5,697.5 m<sup>2</sup> are permanently acquired, while 177,138.1 m<sup>2</sup> are subject to safety restrictions and 67,409.5 m<sup>2</sup> will be affected temporarily during the construction process. Temporarily affected land comprises (i) agricultural land area surrounding the tower foundations and area for access road to the foundations; (ii) in addition, some area will be temporarily affected for gathering construction materials.

#### ***10. 110 kV TL from 500/220 kV Thuong Tin SS to Thanh Oai***

21. The total acquired land area for the subproject is 6,147 m<sup>2</sup>, including 5,396 m<sup>2</sup> owned by 74 households and 461 m<sup>2</sup> under management of 3 Commune People's Committees (CPCs). There is no impact on houses and structures of AHs, thus no household has to relocate. The project only causes impacts on trees and crops. The total area of temporarily affected agricultural land is 3,792 m<sup>2</sup>, all of which are annual crop land. This type of land will be restored immediately after construction. In addition, there is around 169,661 m<sup>2</sup> within the ROW owned by 615 households which will be affected by restrictions on land use. For this area, people can still use to plant crops; houses are allowed to exist within the ROW in accordance with the ROW safety regulations (Decree No. 14/2014/ND-CP dated 26th February 2014). However, if trees affect the electricity safety, they will be cut down and some types of trees are only allowed when their branches are trimmed and height is limited. 8 households are severely affected as they will lose from 10% to 30% of their productive landholdings. The survey reveals that there are neither vulnerable households affected by the subproject nor those who might be poorer under the subproject's impacts.

#### **4. Objectives of internal monitoring**

22. The general objectives for internal monitoring are to ensure:

- (i) The implementation of land acquisition and resettlement of project is in compliance with the approved Resettlement Plans;
- (ii) The availability of resources and the efficient, effective use of these resources to implement land acquisition and resettlement activities;
- (iii) That resettlement institutions are well-functioning during the course of project implementation;

- (iv) Resettlement activities are undertaken in accordance with the implementation schedule described in the RPs;
- (v) To identify problems, if any, remedial actions and solutions.

## **II. Detailed resettlement implementation progress**

### **1. Public information disclosure and consultation**

23. Project information disclosure is an important task during project implementation. When this work is implemented effectively, it will facilitate project implementation process as local people will have comprehensive understanding of project information and benefits. Therefore, they will support and actively participate in the project. Project information disclosure and public consultation are aimed to: (i) increase local people's awareness of the project; (ii) avoid the risks of project delay; (iii) design an appropriate resettlement program for APs and maximize the project's socio-economic benefits; (iv) ensure that AP's can really participate in making decisions on issues directly concerning their income and living standards; and (v) ensure transparency of all activities related to land acquisition, resettlement, and living restoration.

24. Public consultations have been conducted during the preparation process for four core projects and eight (08) noncore projects by the Project Preparation Consultant. In the implementation phase, public consultation before the DMS have been conducted with eight (08) affected households by the 110 kV Tia SS in To Hieu commune; 86 affected households by the 110 kV Phu Nghia SS and transmission line and 74 households by the 110kV Transmission line from 500/220kV Thuong Tin SS to 110kV Thanh Oai SS. For the remaining subprojects, including (i) 110 kV Mo Lao SS and connecting line; (ii) Installation of new 110 kV T3 transformer, Thanh Xuan SS, public consultation prior to DMS is not required as these subprojects do not involve land acquisition of any household.

25. Information disclosure. RPs and DDRs in English have been posted on the ADB website and the summary documents in Vietnamese have been disclosed to the affected households in 2014 for four core subprojects, by the end of 2015 for the upgrading of transformer T2, renovation of 110 kV Tia - E10.4 SS and by the end of June 2016 for the 110 kV Phu Nghia SS and transmission line and the 110kV Transmission line from 500/220kV Thuong Tin SS to 110kV Thanh Oai SS.

26. RPs and policy framework documents have also been distributed by the HANOI DPMB to the District Compensation Committees (DCCs) of Thuong Tin District, Chuong My District and Quoc Oai District as the basis for calculating the entitlements of the affected households.

**Table 4. Consultation, Participation, and Information Disclosure by Subprojects**

Subproject	Participation, Consultation, Information disclosure in preparation phase			Participation, Consultation in implementation phase	
	Public consultation	Distribution PIB	On ADB web	Distribution RP to DCC	Meeting
New building 110kV Noi Bai Airport and 110kV line	Done	Done	Done	Done	Done
Rehabilitate 110kV Son Tay Substation E1.7	Done	Done	Done	Done	Not required
Rehabilitate, upgrade 110kV E12 Tran Hung Dao substation	Done	Done	Done	Done	Not required
Rehabilitate, upgrade 110kV Phuong Liet Substation E13	Done	Done	Done	Done	Not required
220kV Chem-Tay Ho transmission line	Done	Done	Done	Done	Done
SS Mo Lao and connecting line 110 kV	Done	Done	Done	Done	
SS 110 kV Tay Ho Tay and connecting line 110 kV					
Upgrade transfo T2, renovate SS 110 kV Tia - E10.4	Done	Done	Done	Done	
Add new transfo T3, SS 110 kV Thanh Xuan - E1.20	Done	Done	Done	Done	
Extend SS Thuong Dinh - E5					
New SS 110 kV Phu Nghia and connecting line 110 kV	Done	Done	Done	Done	
New SS 110 kV Ba Vi					
UGC 110 kV Tay Ho - Yen Phu					
New SS 110 kV Thi Tran Phung and connecting line					
New SS 110 kV Ngoc Hoi and connecting line					
UGC 110 kV Thanh Cong - ThuongDinh					
Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai	Done	Done	Done	Done	not yet due
Connecting line to SS 220 kV Son Tay					
Transmission line 110 kV from SS 500 kV Thuong Tin to SS E1.34 Quat Dong and to SS E10.4 Tia					
New SS 110 kV Chuong My (1x40 MVA) and transmission line 110 kV Thanh Oai - Chuong My					
Transmission line 110 kV Bac An Khanh - Nam An Khanh					
New SS 110 kV Sai Dong 2 (Industrial park Sai Dong)					
Connecting line 110 kV to Sai Dong 2					
Upgrade SS 110 kV E10.7- Thach That					

## 2. DMS process

27. Among ten (10) subprojects of which social safeguard documents have been approved:
- Five (05) subprojects including (i) 110 kV Mo Lao SS; (ii) Installation of new 110kV T3 transformer Thanh Xuan SS, (iii) Rehabilitation of 110kV Son Tay Substation E1.7, (iv) Rehabilitation and upgrading of 110kV E12 Tran Hung Dao substation, and (v) Rehabilitation and upgrading of 110kV Phuong Liet Substation E13, DMS activities are not required.
  - Remaining five (05) subprojects require DMS, namely (i) 220 kV Chem- Tay Ho TL; (ii) New 110kV Noi Bai SS, (iii) New SS 110 kV Phu Nghia and connecting line 110 kV, (iv) Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai

**Table 5. DMS Status of the Subprojects**

Subproject	DMS was completed by the end of 2014	DMS was completed by the end of 2015	DMS was completed by the time of reporting	DMS not yet conducted
New building 110kV Noi Bai Airport and 110kV line	Done	-	-	-
Rehabilitate 110kV Son Tay Substation E1.7	Not yet due	Not yet due	Not required	Not required
Rehabilitate, upgrade 110kV E12 Tran Hung Dao substation	Not required	Not required	Not required	Not required
Rehabilitate, upgrade 110kV Phuong Liet Substation E13	Not required	Not required	Not required	Not required
220kV Chem- Tay Ho transmission line	Done	-	-	-
SS Mo Lao and connecting line 110 kV	Not required	Not required	Not required	Not required
SS 110 kV Tay Ho Tay and connecting line 110 kV				
Upgrade transfo T2, renovate SS 110 kV Tia - E10.4	-	-	Done	-
Add new transfo T3, SS 110 kV Thanh Xuan - E1.20	Not required	Not required	Not required	Not required
Extend SS Thuong Dinh - E5				
New SS 110 kV Phu Nghia and connecting line 110 kV	-	-	Done	-
New SS 110 kV Ba Vi				
UGC 110 kV Tay Ho - Yen Phu				
New SS 110 kV Thi Tran Phung and connecting line				
New SS 110 kV Ngoc Hoi and connecting line				
UGC 110 kV Thanh Cong - ThuongDinh				
Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai	-	-	-	Not yet conducted
Connecting line to SS 220 kV Son Tay				
Transmission line 110 kV from SS 500 kV Thuong Tin				

to SS E1.34 Quat Dong and to SS E10.4 Tia				
New SS 110 kV Chuong My (1x40 MVA) and transmission line 110 kV Thanh Oai - Chuong My				
Transmission line 110 kV Bac An Khanh - Nam An Khanh				
New SS 110 kV Sai Dong 2 (Industrial park Sai Dong)				
Connecting line 110 kV to Sai Dong 2				
Upgrade SS 110 kV E10.7- Thach That				

28. To date, the DMS progress of the subprojects are as follows:

***New construction of 110kV Noi Bai Airport and 110kV line***

29. As of now, Soc Son and Dong Anh DCCs have completed the DMS activities in Quang Minh, Bac Hong, Nam Hong and Phu Cuong communes. The DMS was carried out with the participation of the representatives of all affected households as well as the representatives of Soc Son and Dong Anh District People's Committees (DPCs). The DMS was completed in June 2016.

***Rehabilitation of 110kV Son Tay Substation E1.7***

30. The Son Tay Substation will not require any acquisition so DMS activities is not required.

***Rehabilitation and upgrading of 110kV E12 Tran Hung Dao substation***

31. The Tran Hung Dao Substation will not require any acquisition so DMS activities is not required.

***Rehabilitation and upgrading of 110kV Phuong Liet Substation E13***

32. The Phuong Liet Substation will not require any acquisition so DMS activities is not required.

***220kV Chem - Tay Ho Transmission line***

33. As of now, Tay Ho and Bac Tu Liem DCCs have completed the DMS activities in Phu Thuong, Thuy Phuong and Dong Ngac communes. The DMS was carried out with the participation of the representatives of all affected households as well as the representatives of Tay Ho and Bac Tu Liem District People's Committees (DPCs). The DMS was completed in December 2014.

***Upgrade transformer T2, renovate SS 110 kV Tia - E10.4***

34. As of now, Thuong Tin DCC has completed the DMS activities in To Hieu Commune. The DMS was carried out with the participation of the representatives of all affected households as well as the representatives of Thuong Tin District People's Committee (DPC). The DMS was completed in June 2016.

***New construction of 110kV Mo Lao substation and connecting line 110 kV***

35. The subproject does not cause land acquisition impacts and thus DMS is not required. On 28<sup>th</sup> December 2015, the Mo Lao Urban Area Management Board has handed over site for the construction of 110 kV Mo Lao SS and connection line.

***Installation of new transformer T3, 110 kV Thanh Xuan substation- E1.20***

36. The subproject does not cause land acquisition impacts and thus DMS is not required. On 28<sup>th</sup> December 2015, Hanoi CityPC has handed over site for the construction of 110 kV Thanh Xuan SS.

***New construction of SS 110 kV Phu Nghia and connecting line 110 kV***

37. As of now, Chuong My and Quoc Oai CLDFs have completed the DMS activities. The DMS was carried out with the participation of the representatives of all affected households as well as the representatives of Chuong My and Quoc Oai District People's Committee (CPCs). The DMS was completed in June 2016.

### ***Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai***

38. As of now, Thuong Tin and Thanh Oai Land Fund Development Branches has not started DMS activities.

## **3. Preparation and approval of compensation plans**

39. The preparation of the compensation plans is only carried out when the decision approving the unit prices of HANOI city PC is issued.

40. To date, six (06) subprojects have completed the DMS activities; and the compensation plans also approved by Hanoi City PC. Details by subprojects are as follows:

- During the reporting period, the compensation payment of two (02) subprojects have been completed since 2015, which are Noi Bai SS and Chem-Tay Ho TL subprojects.
- Decisions on compensation plans are as follows:

### ***New construction of 110kV Noi Bai Airport and 110kV line***

41. Based on the Decision No. 1081/QD-EVN HANOI dated 2<sup>nd</sup> April 2012 of Ha Noi PC on approving the FS for the subproject, HANOI PMB has submitted the Document No. 1103/HANOI PMB-X9.7 dated July 2, 2013 to the Ha Noi DONRE and Me Linh DPC to request for approving the compensation plan of New construction of 110kV Noi Bai airport and 110kV line subproject. In November, the Me Linh DPC has issued an official document approving the compensation and assistance plan proposed by HANOI PMB and requesting the DPC and DCC to post the specific land prices publicly for the subproject and consult the affected people's opinions.

42. On May 27, 2014, the DCC of the subproject has issued the compensation, assistance and resettlement plan upon recovery by the state for the implementation of 110kV Noi Bai Airport and 110kV line subproject. Accordingly, the compensation plan was prepared for 176 household, in which the total compensation and assistance amount (supports for training, job changing and job seeking) for the affected area of 10,812.7 m<sup>2</sup> of agricultural land is VND 8,446,102,674.

43. After the compensation plan is posted, the affected people have expressed their agreement with the compensation plan and thus signed the consultation minutes. To date, all the AHs have received the compensation, assistance and resettlement payment for the subproject.

### ***220kV Chem - Tay Ho Transmission line***

44. As for the 220kV Chem - Tay Ho Transmission Line Subproject, the subproject has come into operation. The compensation, assistance and resettlement costs is VND 1,086,397,501 covered by two decisions, namely Decision No 5423/QD-UBND approving compensation, assistance and resettlement plan dated 21<sup>st</sup> June, 2014 signed by Tay Ho DPC; together with Decision No 5469/QD-UBND approving compensation, assistance and resettlement plan dated 29<sup>st</sup> October, 2014 signed by Bac Tu Liem DPC.

### ***Upgrading of transformer T2, renovation of SS 110 kV Tia - E10.4***

45. Regarding Tia SS Subproject, To Hieu CPC has submitted the Document No. 49/TTr-UBND dated October 23, 2015 to the Ha Noi DONRE and Thuong Tin DPC for approving land acquisition plan.

46. In December 2015, the Ha Noi DPMB has issued an official document No. 1612 HANOI DPMB KTGS approving the compensation and assistance with the estimated cost proposed by Ha Noi DPMB and requesting the Thuong Tin district's Land development Branch to pay the compensation to the AHs, the budget will be allocated by Hanoi DPMB.

47. On December 31, 2015, Thuong Tin DPC has issued the official decision No. 781/TB-UBND requesting Thuong Tin district's Land development land fund Branch and To Hieu CPC to conduct the DMS. After that, Thuong Tin DPC has issued the document No 183/KH-UBND on disclosure of the compensation plan, in which To Hieu DPC and Thuong Tin district's Land development Branch calculated the compensation plan and then posted at the public places for opinions of the affected people.

48. After the compensation plan was posted, the APs have expressed their agreement with the compensation plan and thus signed the consultation minutes. To date, CLDF completed the compensation payment to the AHs by inviting them to their office to get the compensation, assistance and resettlement cost for subproject via the Document No. 13/TB-HĐBT dated July 8, 2016.

#### ***New SS 110 kV Phu Nghia and connecting line 110 kV***

49. As of now, HANOI DPMB has signed the contract with Ha Noi Land Development Centre and with Thuong Tin district's Land development Branch via two contracts namely 16/GPMB on March 11 2016 and 02/GPMB on May 17 2016, respectively requesting them to prepare the compensation plans and post at public places for APs' opinions.

50. After the compensation plan was posted, the APs have expressed their agreement with the compensation plan and thus signed the consultation minutes.

51. To date, Ha Noi Land Development Centre and with Thuong Tin District's Land Development Branch completed the compensation payment to the AHs by inviting them to their office to get the compensation.

#### ***Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai***

52. Based on the Decision No. 110/QHKT-P7 dated 8<sup>th</sup> January 2016 of Ha Noi Department of Planning and Architecture for approving the red boundary drawing of subproject Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai. The compensation plan is expected to be approved by Thuong Tin DPC by August, 2016.

### **4. Process of Compensation Payment**

#### ***New construction of 110kV Noi Bai Airport and 110kV line***

53. The compensation payment was completed in year 2015. Compensation payment has been done for 176 households with the total compensation and assistance amount of **VND 8,446,102,674**. To date, all of the AHs have fully received compensation and assistance.

#### ***220kV Chem - Tay Ho Transmission line***

54. The compensation payment was completed in year 2015 for 49 households with the total compensation and assistance amount of **VND 1,086,397,501**.

#### ***Upgrading of transformer T2, renovation of SS 110 kV Tia - E10.4***

55. To date, compensation to AHs has been carried out since June, 2016 by DCARB. Total compensation costs are **VND 696,355,565** as listed in the Annex –form 5, The compensation and assistance payment was conducted in one instalment with the presence of the affected households, representatives of To Hieu CPC and HANOI DPMB,

#### ***New SS 110 kV Phu Nghia and connecting line 110 kV***

56. To date, Ha Noi Land Development Centre and Thuong Tin district's Land development Branch expect to complete the compensation payment to the AHs by the end of August 2016.

#### ***Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai***

57. The compensation payment is expected to carry out in October 2016.

58. The compensation payment status and total amount delivered to the AHs by subproject are summarized in the Table below.

**Table 6. Status of Compensation Payment and Compensation Amount**

Nr	Civil works Packages/components/subprojects	Compensation Costs ('000 VND)		Total paid ('000 VND)		Status of compensation payment	
		Approved amount	Actual amount	Paid to date	To be paid	# of AHs received compensation	# of AHs refuse compensation
1	New building 110kV Noi Bai Airport and 110kV line	8,446,102,674	8,446,102,674	8,446,102,674	0	176	0
2	Rehabilitate 110kV Son Tay Substation E1.7	0	0	0	0	0	0
3	Rehabilitate, upgrade 110kV E12 Tran Hung Dao substation						
4	Rehabilitate, upgrade 110kV Phuong Liet Substation E13						
5	220kV Chem- Tay Ho transmission line	1,086,397,501	1,086,397,501	1,086,397,501	0	49	0
6	SS Mo Lao and connecting line 110 kV	0	0	0	0	0	0
7	SS 110 kV Tay Ho Tay and connecting line 110 kV						
8	Upgrade transfo T2, renovate SS 110 kV Tia - E10.4	696,355,565	696,355,565	0	696,355,565	2	0
9	Add new transfo T3, SS 110 kV Thanh Xuan - E1.20	0	0	0	0	0	0
10	Extend SS Thuong Dinh - E5						
11	New SS 110 kV Phu Nghia and connecting line 110 kV	3,300,000,000	3,300,000,000	0	3,300,000,000	0	0
12	New SS 110 kV Ba Vi						
13	UGC 110 kV Tay Ho - Yen Phu						
14	New SS 110 kV Thi Tran Phung and connecting line						
15	New SS 110 kV Ngoc Hoi and connecting line						
16	UGC 110 kV Thanh Cong - ThuongDinh						
17	Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai	7,062,547,295	7,062,547,295	0	7,062,547,295	0	0
18	Connecting line to SS 220 kV Son Tay						
19	Transmission line 110 kV from SS 500 kV Thuong Tin to SS E1.34 Quat Dong and to SS E10.4 Tia						
20	New SS 110 kV Chuong My (1x40 MVA) and transmission line 110 kV Thanh Oai - Chuong My						

21	Transmission line 110 kV Bac An Khanh - Nam An Khanh						
22	New SS 110 kV Sai Dong 2 (Industrial park Sai Dong)						
23	Connecting line 110 kV to Sai Dong 2						
24	Upgrade SS 110 kV E10.7- Thach That						
	<b>Total</b>	<b>20,591,403,035</b>	<b>20,591,403,035</b>	<b>9,532,500,175</b>	<b>11,058,902,860</b>	<b>227</b>	<b>0</b>

## 5. Process of resettlement and site clearance

59. Resettlement and site clearance have been done for five (05) subprojects, namely Noi Bai SS, 110 kV Son Tay E 1.7 SS, 110 kV Tran Hung Dao SS, 110 kV Phuong Liet SS, 220 kV Chem-Tay Ho TL, and 110 kV Mo Lao SS. Among which, the Noi Bai Airport SS and 220 kV Chem-Tay Ho TL subprojects have come into operation whereas the remaining subprojects are rehabilitated and upgraded within their existing substation boundary. Regarding Thuong Tin-Thanh Oai TL and Phu Nghia SS subprojects, DMS activities are ongoing; therefore, resettlement and site clearance activities of these subprojects have not been conducted yet.

## 6. Restoration of AHs' livelihoods and rehabilitation of AHs' lives

60. Implementation is yet to be carried out.

## 7. Assess degree of APs' satisfaction of compensation and resettlement

61. Implementation is yet to be carried out.

## 8. Conformity of resettlement implementation progress with civil works progress and next plan

### *New construction of 110kV Noi Bai Airport and 110kV line*

62. As of now, the civil works progress of the subproject has been done and in compliance with safeguards requirements of ADB. This substation has come into operation since May 2016.

### *Rehabilitation of 110kV Son Tay Substation E1.7*

63. The Rehabilitation 110kV Son Tay Substation will not require any acquisition. Civil works are ongoing since May 2016.

### *Rehabilitation and upgrading of 110kV E12 Tran Hung Dao substation*

64. The Rehabilitation of 110kV Tran Hung Dao Substation will not require any acquisition so resettlement implementation progress will not apply. Civil works of the subproject are expected to commence by the end of 2016.

### *Rehabilitate, upgrade 110kV Phuong Liet Substation E13*

65. The Rehabilitation of 110kV Phuong Liet Substation will not require any acquisition so resettlement implementation progress will not apply. Civil works of the subproject are expected to commence by the end of 2016.

### *220kV Chem - Tay Ho Transmission line*

66. The civil work progress of the subproject only take place when all the resettlement progress is done. The subproject was completed in June 2015 and is operational.

### *Upgrading of transformer T2, renovation of SS 110 kV Tia - E10.4*

67. As of now, Thuong Tin DCC has just completed the DMS activities in To Hieu Commune and the civil work has not started yet. The civil works of the subproject are expected to commence by mid-2017.

***New construction of 110kV Mo Lao substation and connecting line 110 kV***

68. The civil works of Mo Lao SS have been commenced since December 2015. As of now, the construction activities have been completed and the subproject has come into operation since June 2016.

***Installation of new transformer T3, 110 kV Thanh Xuan substation- E1.20***

69. The civil works of the subproject have been started in December 2015 and is ongoing up to date.

***New SS 110 kV Phu Nghia and connecting line 110 kV***

70. As of now, the DMS is ongoing and the civil work has not started yet. It is expected that the construction of Phu Nghia SS will be started in August 2016.

***Transmission line 110 kV from SS 500/220 kV Thuong Tin to Thanh Oai***

71. As of now, Thuong Tin and Thanh Oai DCCs have not started any DMS activities as well as civil works. It is expected that the construction of the subproject will be commenced in September 2016.

**III. Pending issues**

72. There are no outstanding problems related to land acquisition, compensation, and resettlement implementation.

**IV. Conclusion and Recommendation**

**1. Conclusion**

73. Basically, HANOI DPMB and DCCs have implemented compensation procedures as provided in the approved resettlement plans as in accordance with the Government regulations and ADB. Information dissemination, inventory and compensation payment involved the participation and supervision by representatives of affected people and relevant agencies. Concerns by affected people were received and fully handled by the project management board and local authorities.

74. Land acquisition and compensation activities have been done for five (05) subprojects and are ongoing for the others. As of now, there is no pending issue/complaint related to land acquisition, compensation and resettlement activities.

**2. Recommendation**

75. In conclusion, compensation procedures of some subprojects have been completed. Above results are due to the close collaboration between stakeholders. Now there are three sub-projects are under construction period, DPMB should continue to coordinate with contractors to avoid emerging impacts on the households. DPMB also needs to prepare the documents to closely monitor the process and resettlement compensation, stable life and career transition for the evaluation in the next phase. An important experience for the beginning of the next phase, DPMB should collect fully and exactly data base of lost land, structures, crops/trees and all the data about the severely AHs, vulnerable AHs (women lead households, poor households and policy households etc.). This is very important and necessary solution for the management and implementation of project.

76. Besides, information dissemination, inventory and compensation payment should involve the participation of and supervision by representatives of affected people and relevant agencies. Concerns of affected people should be received, explained and fully handled by DPMB, district CARB and local authorities.