

Internal Monitoring Report on Implementation of Resettlement Plan

Project Number: 42039-036

Period: March - June, 2017

VIE: POWER TRANSMISSION INVESTMENT PROGRAM, TRANCHE 3 Loan: 3374-VIE

Subprojects: 500 kV My Tho - Duc Hoa Substation and Connections

Prepared by National Power Transmission Corporation – Southern Power Projects
Management Board for the Asian Development Bank (ADB)

LIST OF ABBREVIATIONS

ADB	:	Asian Development Bank
AH	:	Affected Household
CARB	:	District's Compensation - Support and Resettlement Board
DMS	:	Detailed Measurement Survey
NPT	:	Vietnam Electricity National Power Transmission Corporation
PTIP	:	Power Transmission Investment Program
REMF	:	Resettlement and Ethnic Minority Development Framework
ROW	:	Right of Way
RP	:	Resettlement plan
SES	:	Socio-economic Survey
SPMB	:	Southern Viet Nam Power Projects Management Board
SPS	:	Safeguard Policy Statement
TL	:	Transmission line

NOTE

In this report, "\$" refers to US dollars.

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I. GENERAL INFORMATION OF THE SUBPROJECT

1.1 Subproject description

1. The subproject includes 2 major components:
 - a. The 500 kV Duc Hoa SS located in Binh Loi Hamlet, Hoa Khanh Dong Commune, Duc Hoa District, Long An Province. The 500 kV Duc Hoa SS has an initial capacity 1 x 900 MVA (3 x 300 MVA single phase autotransformers) with provision for a future second 900 MVA transformer bank. The 500 kV switchyard design will be a breaker-and-a-half scheme to allow flexible operation and ensure optimum reliability (major equipment can be maintained without load interruption). It will comprise of dual 500 kV bus-bars, with design for a total of 16x500 kV feeders, including 14 line feeders and 2 transformer feeders; of these, 4 line feeders and 1 transformer feeder will be installed under this Tranche 3 subproject.
 - b. 3 connection TLs, namely: (i) 500 kV TL, with a length of 12.4 km to connect the new substation to the existing 500 kV Pleiku (Cau Bong) - Phu Lam TL; (ii) 220 kV TL No. 1, with a length of 24.4 km to connect the new substation to the existing 220/110 kV Duc Hoa SS; and (iii) 220 kV TL No. 2, with a length of 29.8 km to connect the new substation to the existing 220 kV Phu Lam- Long An, a section of the 500/220 kV Phu Lam - O Mon TL.

Table 1. Location of points of the Connections

No.	Starting point – Ending point	Commune/Town	Length (m)	Remark
I	500 kV connection TL		12,403	Mainly cross rice fields
1	DD-G51.1 and G51.2	Hòa Khánh Đông	2,025.2	
2	G51.2-G51.3	TT Đức Hòa	873.2	
3	G51.3-G51.4	TT Đức Hòa Đức Hòa Đông	1,182.1	Cross over road
4	G51.4-G51.5	Đức Hòa Thượng	1,333.6	
5	G51.5-G51.6	Đức Hòa Thượng Mỹ Hạnh Nam	1,263.9	
6	G51.6-G51.7 and G51.8	Mỹ Hạnh Nam	2,128.2	
7	G51.8-G51.9 and G51.10	Mỹ Hạnh Nam Đức Hòa Đông	3,042.1	
8	G51.10-DC	Đức Hòa Đông	554.7	Cross a big canal
II	220 kV Connection TL1		24,673.3	

No.	Starting point – Ending point	Commune/Town	Length (m)	Remark
1	DD-G21.1	Hòa Khánh Đông	1,244	
2	G21.1-G21.2	Hòa Khánh Đông	2,619	
3	G21.2-G21.3	Hòa Khánh Nam	5,298	
		Hòa Khánh Tây		
4	G21.3-G21.4	Hòa Khánh Tây	3,590.5	
		Tân Phú		
5	G21.4-G21.5	Tân Phú	3,594.5	
		TT Hậu Nghĩa		
6	G21.5-G21.6	Tân Mỹ	3,300	
7	G21.6-G21.7	Tân Mỹ	3,511	
8	G21.7-G21.8	Tân Mỹ	901.5	
9	G21.8-G21.9	Tân Mỹ	614.8	
II	220 kV Connection TL2		29,800	
1	DD-G22.1	Hòa Khánh Đông	497	
2	G22.1-G22.2	Hựu Thạnh	1,780	
3	G22.2-G22.3		1,647	
4	G2.3-G22.3A	Hựu Thạnh	1,782	Cross over Vam Co Dong River
		Thạnh Lợi		
5	G22.3A-G22.3B	Hựu Thạnh	1,155.5	
		Thạnh Lợi		
6	G22.3B-G22.3C	Thạnh Lợi	986.5	
7	G22.3C-G22.4	Thạnh Hòa	2,438.5	
8	G22.4-G22.5A		3,806.5	
9	G22.5A-G22.5B		Thạnh Hòa	4,252
		Bình Đức		
10	G22.5B-G22.6	Bình Đức	3,126.6	
11	G22.6-G22.7		4,590.8	
12	G22.7-G2.8	Bình Đức	1,532.6	
		Thạnh Đức		
13	G22.8-G22.9	Thạnh Đức	1,509.2	Cross over highway to HCMC
14	G22.9-G22.9A and G22.9B	Thạnh Đức	695.8	

1.2 Subproject impacts

2. There are two types of impacts on land: one is permanent land acquisition for the location of the substation and the foundations of steel lattice towers of the 3 connection TLs.

The other type of land impact is associated with the safety restrictions imposed on the continued use of land inside the ROW of the connection TLs.

3. According to data of cadastral survey:

4. Of the total 1,738,514.9 m² of land affected by the subproject, 240,110.3 m² are permanently acquired, while 1,498,404.6 m² are subject to safety restrictions.

5. **Permanent land acquisition:** The 500 kV substation and the foundations of TL towers will acquire 240,110.3 m² of land located in 15 communes/towns, affecting a total of 315 households, 8 organizations (PCs of commune), and 1 company. The substation will acquire permanently 143,710 m² (60%) of the land. By land classification, 226,320 m² (94%) of the permanently acquired land are planted to annual crops; 5,544.3 m² (2%) are garden land; 3,939.9 m² (0.1%) are residential land; and 4,306.1 m² are other land¹.

Table 2. Permanent acquisition land for substation and tower foundations of the 500 kV Duc Hoa SS

Unit: m²

No	Commune/Town	Total AH	Affected residential land	Affected crop land	Affected garden land	Affected other land	Total affected land
I.	220 kV TL No.1	98 AH + 4 organization	642.3	23,658.0	-	193.5	24,493.8
1.1	Tân Mỹ	38 AH + 1 organization	2.4	10,488.7		26.8	10,515.5
1.2	Tân Phú	19 AH + 1 organization	370.0	2,832.0			2,832.0
1.3	TT Hậu Nghĩa	6 AH	269.9	776.9	-		776.9
1.4	Hòa Khánh Tây	14 AH + 1 organization		3,714.6		108.7	3,823.3
1.5	Hòa Khánh Nam	14 AH		3,803.9			3,803.9
1.6	Hòa Khánh Đông	7 AH + 1 organization		2,041.9		58.0	2,099.9
II.	220 kV TL No.2	119 AH + 3 organization + 6 plots have not been identified owners	2,513.8	33,643.9	1,138.0	550.4	37,846.1
2.1	Hòa Khánh Đông	1 AH + 1 organization		367.7		28.2	395.9
2.2	Hựu Thạnh	13 AH + 1 organization + 1 plot has not been identified owner	260.2	4,446.5		178.8	4,625.3
2.3	Thạnh Lợi	38 AH + 1 organization + 5 plots have not been identified owners	1,272.1	9,014.0	1,126.2	71.7	10,211.9
2.4	Thạnh Hòa	13 AH		5,114.0			5,114.0
2.5	Bình Đức	36 AH	491.8	10,739.7	11.8	271.7	11,023.2
2.6	Thạnh Đức	18 AH	489.7	3,962.0			3,962.0
III.	500 kV TL	65 AH + 3 organization + 1 Company + 14 plots have not been identified owners	483.8	32,438.9	694.8	142.9	33,760.4

¹ Other land: transport land, irrigation land, rivers and streams,...

No	Commune/Town	Total AH	Affected residential land	Affected crop land	Affected garden land	Affected other land	Total affected land
3.1	Hòa Khánh Đông	12 AH + 1 organization + 2 plots have not been identified owners		4,338.5		48.3	4,386.8
3.2	TT Đức Hòa	9 AH + 1 organization	37.5	4,470.7	694.8	49.7	5,215.2
3.3	Đức Hòa Thượng	17 AH + 1 organization + 12 plots have not been identified owners	446.3	9,221.5		44.9	9,266.4
3.4	Mỹ Hạnh Nam	15 AH + Vinh Duc company		5,296.9			5,296.9
3.5	Đức Hòa Đông	12 AH		9,111.3			9,111.3
IV.	500 kV SS	33 AH + 1 organization	300.0	136,579.2	3,711.5	3,419.3	144,010.0
4.1	Hòa Khánh Đông	33 AH + 1 organization	300.0	136,579.2	3,711.5	3,419.3	143,710.0
TOTAL			3,939.9	226,320.0	5,544.3	4,306.1	240,110.3

6. **Restricted use of land in the TL ROW:** About 1,498,404.6 m² of land in the 3 TLs' ROWs are impacted by safety restriction imposed on their continued use. A total of 991 AHs in 13 communes and towns are affected by these safety restrictions.

Table 3. Impact on land under the ROWs by type of land

Unit: m²

No	Commune/Town	Total AH	Residential land	Crop land	Garden land	Aqua. land	Other land	Total
I.	220 kV TL No.1	434 AH + 6 organization + 19 plots have not been identified owners	19,328.2	442,453.3	14,171.0	694.9	29,501.2	506,148.6
1.1	Tân Mỹ	137 AH + 1 organization + 3 plots have not been identified owners	781.9	164,338.7	14,171.0		5,145.0	184,436.6
1.2	Tân Phú	110 AH + 1 organization + 10 plots have not been identified owners	11,183.3	73,279.2		649.9	5,680.7	90,793.1
1.3	TT Hậu Nghĩa	33 AH + 1 organization (PC of commune)	5,832.6	24,881.4		45.0	1,219.4	31,978.4
1.4	Hòa Khánh Tây	63 AH + 1 organization + 5 plots have not been identified owners	646.0	76,956.8			965.2	78,568.0
1.5	Hòa Khánh Nam	73 AH + 1 organization + 1 plot has not been identified owners	590.0	89,172.8			16,490.9	106,253.7
1.6	Hòa Khánh Đông	18 AH + 1 organization	294.4	13,824.4				14,118.8
II.	220 kV TL No.1	432 AH + 5 organization + 6 plots have not been identified owners	20,470.5	506,011.1	16,184.0	-	57,806.1	600,471.7
2.1	Hòa Khánh Đông	1 AH + 1 organization		2,087.7			705.8	2,793.5

No	Commune/Town	Total AH	Residential land	Crop land	Garden land	Aqua. land	Other land	Total
2.2	Hữu Thạnh	34 AH + 1 organization + 2 plots have not been identified owners	3,398.6	75,698.0			6,621.3	85,717.9
2.3	Thạnh Lợi	183 AH + 1 organization	10,275.5	156,458.7	11,802.8		22,886.9	201,423.9
2.4	Thạnh Hòa	29 AH + 1 organization	406.5	57,883.8			7,986.5	66,276.8
2.5	Bình Đức	128 AH + 1 organization + 4 plots have not been identified owners	6,389.9	168,347.9	4,381.2		19,605.6	198,724.6
2.6	Thạnh Đức	57 AH		45,535.0				45,535.0
III.	500 kV TL	125 AH + 3 organization + 2 plots have not been identified owners	11,902.3	314,831.5	8,152.1	13,463.2	43,435.2	391,784.3
3.1	Hòa Khánh Đông	36 AH + 1 organization + 2 plots have not been identified owners	5,642.6	90,899.1	28.3	293.4	9,475.3	106,338.7
3.2	TT Đức Hòa	48 AH + 1 organization	3,107.7	91,738.8	3,661.9	84.1	11,304.7	109,897.2
3.3	Đức Hòa Đông	41 AH + 1 organization	3,152.0	132,193.6	4,461.9	13,085.7	22,655.2	175,548.4
TOTAL			51,701.0	1,263,295.9	38,507.1	14,158.1	130,742.5	1,498,404.6

7. There are not any public facilities, historical and cultural structures affected by the project implementation.

8. DMS has not been carried out to determine the number of affected households, houses, and structures, number of relocated households as well as the number of vulnerable households.

II. PROGRESS OF THE SUBPROJECT IMPLEMENTATION

9. As June 2017, construction activities of this subproject have not taken place yet.

III. DETAILED IMPLEMENTATION OF RESETTLEMENT

3.1 Information and Disclosure and Public Consultation

10. In April 2014, PECC3 and SPPMB personnel held initial public meetings with relevant provincial, district, and commune officials, in addition to local residents, for the purposes of (i) introducing the Power Transmission Investment Program (PTIP) and the proposed subproject, (ii) soliciting their views and suggestions regarding the location of the substation and the routes of the connection TLs, and (iii) explaining the activities that SPPMB and

PECC3 would be conducting, such as the IOL, SES, and replacement cost study (RCS)², in connection with the preparation of the RP as a requirement for the processing of PTIP Tranche 3.

11. Following the conduct of the IOL, SES, and RCS, a second round of public meeting-consultations with the AHs were carried out for the purposes of (i) presenting the results of the surveys and the RCS; (ii) discussing PTIP resettlement policy, particularly its objectives, principles, entitlements, and the policy on cut-off date for eligibility to project entitlements; and (iii) soliciting their views and suggestions regarding the PTIP resettlement policy, especially with regard to compensation, cash assistance, income restoration measures, and relocation preference.

12. Consultations and discussions will continue to be carried out with the AHs during RP updating and implementation. Consultations will be held prior to surveys carried out as part of RP updating and to disclose findings after the surveys.

3.2 Detailed Measurement Survey

13. Until now, only cadastral survey was implemented to determine the number of households, the permanent acquired land area for foundations and affected land area within the ROW of the Connections. DMS will be carried out in August, 2017.

3.3 RP updating

14. The consultant will prepare updated RP and submit to ADB in September 2017 when having DMS data.

3.4 Compensation payment, assistance and resettlement

15. So far, the compensation plans have not been prepared because DMS has not been carried out.

3.5 Process of resettlement and site clearance

16. Not yet implemented.

IV. KEY ISSUES

² The replacement costs are based on current market rates and will be updated at the time of preparing the compensation plans.

17. SPMB should coordinate closely with CARD to speed up the progress of DMS implementation and prepare the compensation plans as soon as possible.

18. SPMB is to push up the payment of compensation and supports to ensure the project progress. Compensation and assistance payments will only be carried out once the updated RP has been agreed by Government and ADB.

19. Resettlement consultant in coordination with SPMB will organize a training for staff from districts' CARBs and communes' cadastral staff to do presentation on ADB SPS 2009 and requirements for them in the implementation of project's compensation and resettlement activities.