Social Monitoring Report

Project Number: 47100-004
October 2017

Period: January 2017 – June 2017

IND: Madhya Pradesh Power Transmission and Distribution System Improvement Project

Submitted by

Madhya Pradesh Power Transmission Company Limited, Government of Madhya Pradesh

Asian Development Bank

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PKM/JB

-------- Original Message --------
From: **Pushpendra Tiwari** <ptn1978@gmail.com>
Date: Sep 29, 2017 12:22:58 PM
Subject: SMR_Report January 2017 -June 2017, 3066 IND.
To: rsbhatti2004@yahoo.co.in, "mpptcl_trans@hotmail.com" <mpptcl_trans@hotmail.com>, mptransco <mptransco@nic.in>

Dear Sir, Good Morning

Please find attached word and PDF files of SMR_Report January 2017 -June 2017, 3066-IND.

Thanks and Regards

Pushpendra Tiwari
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Social Monitoring Report

Reporting Period: January 2017 to June 2017

IND: Madhya Pradesh Power Transmission and Distribution System Improvement Project

Loan no. 3066 IND
Prepared by, Government of Madhya Pradesh through MP Transco
Madhya Pradesh, India
Reporting Period: January 2017 to June 2017

ABBREVIATIONS

ADB	–	Asian Development Bank
EA	–	Executing Agency
AP	–	Affected People
ESMU	–	Environmental and Social Management Unit
GHG	–	Greenhouse Gas
GoMP	–	Government of Madhya Pradesh
GoI	–	Government of India
GRC	–	Grievance Redress Committee
HSE	–	Health Safety Environment
IA	–	Implementing Agency
IEE	–	Initial Environmental Examination
Ltd.	–	Limited
LAA	–	Land Acquisition Act
LAO	–	Land Acquisition Officer
MFF	–	Multi-Tranche Financing Facility
PAP	–	Project Affected Persons
PMU	–	Project Management Unit
ROW	–	Right of Way
RF	–	Resettlement Framework
RP	–	Resettlement Plan
RPD	–	Resettlement Planning Document
S/S	–	Sub Station
SEIA	–	Summary Environmental Impact Assessment
SIEE	–	Summary Initial Environmental Examination
SRPD	–	Short Resettlement Planning Document
T&D	–	Transmission and Distribution
T/L	–	Transmission Line
T & T	–	Transmission and Transformation
XIDAS	–	Xavier Institute of Development Action and Studies

TABLE OF CONTENTS

1.0 Introduction

1.1. Project Background and Description

1.1.1 The Government of Madhya Pradesh (GOMP) through the Government of India (GOI) has availed a financing facility from the Asian Development Bank (ADB) to fund the Power Sector Investment Program in the State of Madhya Pradesh. Madhya Pradesh Power Transmission Company Limited (MPPTCL) is utilizing the finance availed for the construction of new and up gradation of existing power transmission network. The main features include power evacuation and transmission through 400 kV, 220 kV, and 132 kV transmission lines along with associated Substations and Feeder Bays. It is being implemented under ADB Loan no. 3066 which is implemented by MPPTCL, Jabalpur. A Resettlement Plan (RP) report for TRANSCOM was submitted for ADB's approval in September, 2013. However, during the course of commencement of the works, there were route alignment changes in some transmission lines, further some new lines were also added to the same project and some were dropped as they were no longer necessary. In case of substations also, two substations were dropped from the original scope of work. In light of these changes, the RP report was further updated and submitted for ADB's approval. The updated RP report was approved and disclosed by ADB.

1.1.2 The power sector investments are necessary to support continued investment in the state power sector, which is necessary for economic growth and poverty reduction. The loan availed will be utilized to finance the expansion and augmentation of the transmission and distribution (T&D) networks. The proposed investments are necessary to: (i) facilitate increased power transfers to accommodate increased demand and economic growth; (ii) improve supply-side energy efficiency by system de-bottlenecking and reducing technical losses; (iii) reduce the intensity of greenhouse gas (GHG) and other emissions via improved system efficiency; (iv) support expanded private sector participation in distribution system operations and other energy services; and (v) facilitate poverty reduction via improved electricity services and economic growth.

1.1.3 A social monitoring report for the period July 2014 to December 2016 was submitted for ADB's approval which was accepted and disclosed on ADB's site. This social monitoring report provides information pertaining to the project for the period January 2017 to June 2017. The report is prepared by Xavier Institute of Development Action and Studies (XIDAS) for MPPTCL.

1.1.4 The project is categorized as "B" for Involuntary Resettlement (IR) and "C" for Indigenous Peoples as per the ADB's SPS. The core principles are consistent with the standards of the original safeguards documents and loan covenants. The RP covers the involuntary resettlement impact caused by the project activity. The main features of the project include power evacuation and transmission through 400 kV, 220 kV, and 132 kV transmission lines and construction of substations. It is being implemented by MPPTCL, Jabalpur under ADB Loan no. 3066.

1.1.5 The project will have no adverse involuntary resettlement impacts. There will be no physical or economic displacement of people. All the proposed substations of the project will be built on government waste land. As there is no private land acquisition for the project so far, impacts associated with land acquisition are deemed to be minor. Few people persons who live along the transmission line corridors will suffer from temporary impacts limited to loss of one season's crops and a few trees along the Right of Way (RoW) of the power lines. Wherever towers are placed on private land, such land will not be acquired, and EA/IAs are required to pay appropriate compensation for crop damages if any, during construction, in accordance with the Resettlement Plan (RP).

1.1.6 The Madhya Pradesh Power transmission Company (MPPTCL) is the executing agency (EAs) as well as implementing agencies (IAs) for the project. MPPTCL has established project management units (PMUs) for implementing the project. Each PMU is required to designate a social development specialist within the PMU along with other engineering units to address the social and resettlement issues of the program. For RP, PMU will do the overall coordination, preparation, planning, implementation, and financing. The EA ensures that key institutions including local governments are involved in RP updating and implementation. The PMUs are responsible for managing the site activities related to safeguards, and work closely with the field level staff.

The proposed project comprises of transmission lines and substations along with associated feeder bays that are spread in various regions of the state of Madhya Pradesh. The details of projects works including status is given below in Table 1 and Table 2.

Table no. 1: Details of Transmission Lines and project status

S. No	Name of Line Works	Route Length in Km.	Project Status
Jabalpur			
1	LILO of 400kv seoni to Bhilai S/C line at Balaghat/Kirnapur (D/C)	3	Yet to start
2	LILO of 132kV Balaghat- Seoni/ Katangi line at Waraseoni 132kV S/s (2XD/C)	4.7	Yet to start
3	LILO of both circuit of 132kV Balaghat-Bhanegaon Line at Balaghat/Kirnapur 400kV S/s (2XD/C)	1.79	Yet to start
4	LILO of 132 Tikamgarh-Bijawar line for Bada Malehra (Satna Div.)	1.14	Yet to start
5	Second circuit of Tikamgarh- Budhera 132kV DCSS Line	32.218	Completed
6	Narsinghpur 220- Devnagar 132kV DCSS Line	24.43	Stub Setting: 55 completed of 81 Tower Erection: 11 completed of 81 Stringing: Not started yet
7	Karakbel- Belkheda 132kV DCSS line	24.445	Stub Setting: 48 completed of 87 Tower Erection: Not

S. No	Name of Line Works	Route Length in Km.	Project Status
			started yet Stringing: Not started yet
8	Narsinghpur 220KV Karakbel 132KV DCS line	26.62	Stub Setting: 52 completed of 52 Tower Erection: Not started yet Stringing: Not started yet
9	Panagar 220-Patan 132kV DCSS line	22.749	Stub Setting: 28 completed of 75 Tower Erection: Not started yet Stringing: Not started yet
10	Chhindwara 220- Saori 132kV DCSS line	31.6	Stub Setting: 81 completed of 109 Tower Erection: Not started yet Stringing: Not started yet
11	Chichli 220- Palohabada 132kV DCSS line	12	Yet to start
12	132kv DCSS line from Damoh 220kv to Patera 132 kv substation	35	Stub Setting: 14 completed of 105 Tower Erection: Not started yet Stringing: Not started yet
13	Second circuit of 132kV Tap Line from Balaghat-Katangi	36.17	Completed
Satna			
14	Second circuit 132kV of Chhatarpur- Khajuraho line	34	Completed
15	LILO of second ckt of Bansagar-Satna 220kV line at Kotar 220kV S/s	5.693	Stub Setting: 21 completed of 21 Tower Erection: 17 completed of 21 Stringing: Not started yet
16	LILO of Satna - Maihar 132kV line at Satna-II 132kV S/s[1]	20	Yet to start
17	LILO of second ckt of Birsinghpur - Amarkantak 220kV line at Shahdol 220kV s/s	5.6	Stub Setting: 12 completed of 23 Tower Erection: 2 completed of 23 Stringing: Not started yet
18	Birsinghpur 220-shahdol 132kV DCSS line	45	Stub Setting: 123 completed of 162 Tower Erection: 41 completed of 162 Stringing: Not started yet
Indore			

[1]Route alignment of LILO of Satna - Maihar 132kV line at Satna-II 132kV S/s is not yet finalized.

S. No	Name of Line Works	Route Length in Km.	Project Status
19	LILO of one circuit of Ashta 400-Dewas 220 kv D/C line at Chapda 220kv S/s (D/C)	32.782	Stub Setting: 18 completed of 104 Tower Erection: Not started yet Stringing: Not started yet
20	Pithampur 400 - Depalpur 220kv DCSS line	35.583	Stub Setting: 113 completed of 120 Tower Erection: 63 completed of 120 Stringing: Not started yet
21	Dewas 220- Agrod 132kv DCSS line	19.355	Stub Setting: 32 completed of 63 Tower Erection: 29 completed of 63 Stringing: Not started yet
22	Dhar 220 - Teesgaon 132kv DCSS line	15.35	Stub Setting: 42 completed of 50 Tower Erection: Not started yet Stringing: Not started yet
23	LILO of both Circuit of 400 kv Nagda-Rajgarh line at Badnawar (2 x D/C)	8.163	Yet to start
24	Second Circuit of Kukshi Alirajpur 132kv line	35.82	Completed
Barwaha			
25	LILO of 132 Khargone Bikayan line at 132 Kv sub-station Bistan	18.197	Yet to start
26	LILO of 132kv Chegaon Nepanagar line at Pandhana	1.895	Completed
27	LILO Manawar - Kukshi DCSS line at Singhana (D/C)	3.11	Completed
28	LILO of 132Kv Khargone -Julwaniya line at 132Kv S/S Talakpura	1.9	Completed
29	Julwaniya 400- Kukshi 220kv line (D/C)	62.9	Stub Setting: 108 completed of 190 Tower Erection: 34 completed of 190 Stringing: Not started yet
30	Malwa TPS- Chhanera 220kV DCDS Line	50	Yet to start
31	Chhegaon 220- Singot 132kV DCDS Line	58	Stub Setting: 79 completed of 193 Tower Erection: Not started yet Stringing: Not started yet
32	Chhanera 220- Khirkiya 132kV DCDS Line	30.421	Stub Setting: 96 completed of 96 Tower Erection: 71 completed of 96 Stringing: Not started yet
Bhopal			

S. No	Name of Line Works	Route Length in Km.	Project Status
33	Bairagarh 220 - Intkhedi 132kv DCDS line	9.05	Stub Setting: 32 completed of 32 Tower Erection: 30 completed of 32 Stringing: 2X5.935 completed of 2X9.05
34	Second circuit of Bairagarh – Shyampur	21.44	Completed
35	Second circuit of Gairatganj - Vidisha 220 132kv line	48.27	Completed
36	Shujalpur- Narsinghgarh 220kv DCSS line (Initially charged on 132kv)	44.575	Stub Setting: 69 completed of 144 Tower Erection: 24 completed of 144 Stringing: Not started yet
37	LILO of one circuit of Bhopal - Hosangabad 220kv D/C line at Adampur 220kv S/s (D/C)	2.868	Yet to start
38	Udaipura -Silvani 132kv DCSS line	25.8	Stub Setting: 77 completed of 83 Tower Erection: 42 completed of 83 Stringing: Not started yet
39	LILO of Vidisha- Bairasiya Line at Salamatpur 132 KV S/s	0.162	Stub Setting: 3 completed of 3 Tower Erection: 2 completed of 3 Stringing: Not started yet
40	Mugaliyachhaap 220- Bikisganj 132kV DCDS line	11.4	Yet to start
41	132kv Rajgarh (Biaora) –Khujner/ Sindaota Line	28	Stub Setting: 20 completed of 87 Tower Erection: Yet to start Stringing: Yet to start
42	LILO of one ckt of Vidisha Gairatganj at Raisen 132kV S/s	18.221	Yet to start
Itarsi			
43	Second circuit of Betul 220 Gudgaon 132kv line	57	Completed
44	Chichli 220- Udaipura 132kv DCDS line (220kv line charged at 132kv)	47.56	Stub Setting: 144 completed of 148 Tower Erection: 114 completed of 148 Stringing: Not started yet
45	Betul400 (PGCIL)- Betul 220kV DCDS line	1.88	Stub Setting: 5 completed of 5 Tower Erection: 5 completed of 5 Stringing: Not started yet
46	Betul 220- Bisnoor/Masod 132kV DCSS line	34.5	Stub Setting: 23 completed of 114 Tower Erection: Not started yet Stringing: Not

S. No	Name of Line Works	Route Length in Km.	Project Status
			started yet
Ujjain			
47	Badnagar 220- Chhayan 132kv DCSS line	28.26	Stub Setting: 61 completed of 94 Tower Erection: 54 completed of 94 Stringing: Not started yet
48	LILO of Badnagar -Ratlam 220kv D/C line at Badnagar 400kv S/s (2xD/C)	23.4	Stub Setting: 4 completed of 4 Tower Erection: Not started yet Stringing: Not started yet
49	LILO of both ckt of Gandhisagar - Suwasra/Garoth 132kV line at Bhanpura 220kV S/s	30	Stub Setting: 2 completed of 40 Tower Erection: Not started yet Stringing: Not started yet
50	LILO of both ckt of Badod-Suwasra / Garoth 132kV line at Suwasra 220kV S/s	3	Stub Setting: 4 completed of 12 Tower Erection: Not started yet Stringing: Not started yet
Ratlam			
51	LILO of 132kv Badod - Garoth line at Shyamgarh (D/C)	3	Yet to start
52	LILO of Ratlam - Meghnagar 132kv S/c line at Petlawad DCDS (D/C)	7.4	Stub Setting: 8 completed of 28 Tower Erection: Not started yet Stringing: Not started yet
53	LILO of second ckt of Badod - Kota/Madok 220kV line at Bhanpura 220kV S/s	.5	Yet to start
54	LILO of both ckt of Badod- Kota/Modak 220kV line at Suwasra 220kV S/s (2XD/C)	14	Stub Setting: 6 completed of 16 Tower Erection: Not started yet Stringing: Not started yet
55	LILO of second ckt of Nagda- Neemuch 220kV line at Daloda 220kV S/s	12.2	Stub Setting: 16 completed of 40 Tower Erection: Not started yet Stringing: Not started yet
56	LILO of Nagda 220-Ratadiya 132kV line at Unhel	2	Stub Setting: 6 completed of 6 Tower Erection: Not started yet Stringing: Not started yet
57	LILO of one ckt of Neemuch 220-Mandsaur 132kV line at Budha	24	Stub Setting: 42

S. No	Name of Line Works	Route Length in Km.	Project Status
	132kvS/s		completed of 65 Tower Erection: Not started yet Stringing: Not started yet
Gwalior			
58	LILO of 132 KV Gwalior- Dabra/ Karera Line at Chinaur	13.68	Stub Setting: 40 completed of 45 Tower Erection: 30 completed of 45 Stringing: Not started yet
59	Datiya220- Bhander 132kV DCSS Line	34.038	Completed
60	Mehgaon 220-Pratappura 132kV DCSS line	29.74	Completed
61	Sabalgarh 220- Kelaras 132kV DCSS Line	19.636	Stub Setting: 65 completed of 65 Tower Erection: 56 completed of 65 Stringing: Not started yet
62	Malanpur 220- Gohad 132kV DCDS Line (M/S. Bajaj)	14.5	Completed
63	220 KV DCDS Morena 400 KV (CWRTL Adani) – Sabalgarh DCDS Line	92	Stub Setting: 159 completed of 281 Tower Erection: 38 completed of 281 Stringing: Not started yet
64	Bhonra-Kapasi 132 kv DCSS line	50	Stub Setting: 8 completed of 76 Tower Erection: Not started yet Stringing: Not started yet
65	Kolaras-Mada 132kV DCSS line	18.366	Stub Setting: 53 completed of 57 Tower Erection: 42 completed of 57 Stringing: Not started yet
66	132kv DCDS Guna 220-Bhonra line	25	Stub Setting: 19 completed of 129 Tower Erection: 8 completed of 129 Stringing: Not started yet
67	LILO of one circuit of Malanpur- Mehgaon line at 400 KV S/s (CWRTL Adani) Morena	8	Stub Setting: 17 completed of 21 Tower Erection: Not started yet Stringing: Not started yet

S. No	Name of Line Works	Route Length in Km.	Project Status
68	2nd circuit of Shivpuri 220- Kolaras 132kV DCSS line	35	Stub Setting: NA[2] Tower Erection: NA[3] Stringing: Not started yet
69	2nd ckt of Malanpur- Morar 132kV line	29	Stub Setting: NA[4] Tower Erection: NA[5] Stringing: Not started yet
Bina			
70	Khurai- Khimlasa 132kV DCSS line	20.937	Stub Setting: 69 completed of 71 Tower Erection: 2 completed of 71 Stringing: Not started yet
71	LILO of Mungaoli Traction Feeder to Mungaoli (D/C)	8.32	Completed
72	Ashoknagar 220-Kothiya 132kV DCSS Line	30	Completed
73	Sagar220- Rehli 132kV DCSS line	40	Yet to start
74	2nd ckt of Sagar 220-Sagar 132kV (I/C)	9	Yet to start
75	Stringing of 3rd conductor from Bina220 to Mungaoli	31.3	Completed

Table no. 2: Details of Substations and Feeder Bays and project status

S. No	Substation Name	Capacity and associated Feeder Bays	Project Status (Given in percentage; C=Civil foundations S=Structure works E=Equipment works)
Jabalpur			
1	Balaghat/Kirnapur 400/132kv	(2 x 100+40MVA) +400kv FB(2) +132kv FB(4)	C:81% S:47% E:Not started yet
2	Waraseoni 132kV	40MVA+132kV FB(2)	C:17% S: Not started yet E: Not started yet
3	Bada Malehra 132/33kV	40 MVA+132kV FB(1)	Layout issued.
4	Deonagar 132/33kV	40 MVA+132kV FB(1)	C:98% S: 82% E: Not started yet
5	Belkheda 132/33kV	40MVA+132kV FB(1)	C:20% S: Not started yet E: Not started yet
6	Karakbel 132/33kV	40MVA+132kV FB(2)	C:88% S: Not started yet

[2] A second circuit line (usually denoted as 2nd circuit) means that the line is already constructed with one side of the tower stringing complete. In such lines, no stub setting and tower erection will take place as it is already constructed but only the stringing of the other side is done. Hence, stub setting and tower erection is depicted as NA (not applicable) for such lines.
[3]Ibid 2
[4]Ibid 3
[5]Ibid 4

S. No	Substation Name	Capacity and associated Feeder Bays	Project Status (Given in percentage; C=Civil foundations S=Structure works E=Equipment works)
			E: Not started yet
7	Saori 132/33kV S/s	(1X50) MVA; 132kV FB(1)	Civil works commenced.
8	Palohabada 132/33kV S/s [6]	(1X50) MVA; 132kV FB(1)	Yet to start
9	Patera 132/33kV S/s	(1X50) MVA; 132kV FB(1)	Civil works commenced.
Satna			
10	Additional Transformer at Sidhi 220 (2nd)	+160 MVA	Completed
11	Additional Transformer at Kotar 220 (2nd)	+160 MVA	Completed
12	Additional Transformer at Chhatarpur (2nd)	+160 MVA	Completed
13	Satna-II 132/33kV S/s [7]	(2X50) MVA; 132kV FB(2)	Yet to start
14	Shahdol 220/132kV S/s (Upgradation)	(1X60) MVA; 220kV FB(2)+132kV FB(1)	C:65% S: 61% E: 6%
Indore			
15	Badnawar 400/220kv	(2x315MVA) + 400kv FB (4) + 220kv FB (4) +125MVAR bus Reactor	C:80% S:55% E: 1%
16	Upgradation of Chapda 132kv S/S to 220kv	(1x160MVA) + 220kv FB(2)	C:12% S: Not started yet E: Not started yet
17	Upgradation of Depalpur 132kv S/s to 220kv	(1x160MVA) + 220kv FB (1)	C:46% S: Not started yet E: Not started yet
18	Agrod 132/33kV	40MVA+132kV FB(1)	C:100% S:100% E:22%
Barwaha			
19	400/220kv additional transformer at Chhegaon 400kv S/S	1x315 MVA	C:100% S:87% E:54%
20	Teesgaon 132/33kV	40MVA+132kV FB(1)	C:35% S:19% E:1%
21	Bistan 132/33 kV	40 MVA+ 132kV FB(1)	C:57% S: Not started yet E: Not started yet
22	Pandhana 132/33kV	40MVA+132kV FB(2)	C:69% S:74% E:57%
23	Singhana 132/33kV	40MVA+132kV FB(2)	C:89% S:95% E:66%
24	Talakpura 132/33kV	40MVA+132kV FB(1)	C:91% S:92% E:88%
25	Kukshi 220/132kv	160 MVA + 220kv FB(2) +132kv FB(1)	C:56% S: Not started yet E: Not started yet

[6]Land allotment for substation Palohabada is not yet final.
[7]Land allotment for substation Satna II is not yet final.

S. No	Substation Name	Capacity and associated Feeder Bays	Project Status (Given in percentage; C=Civil foundations S=Structure works E=Equipment works)
26	Chhanera 220/132kV S/s	(2X160+1X50) MVA 220kV FB(2)+132kV FB(3)	C:70% S: Not started yet E: Not started yet
27	Singot 132/33kV S/s	(1X50)MVA; 132kV FB(1)	C:63% S: Not started yet E: Not started yet
Bhopal			
28	Salamatpur 132kv/33kv	40 MVA +132kv FB(1)	C:99% S:85% E: Not started yet
29	Intkhedi 132kv /33kv	63 MVA +132kv FB(2)	C:96% S:91% E:49%
30	400/220kv additional transformer at Bhopal 400kv S/S	1x315 MVA	C:81% S:78% E: Not started yet
31	Additional Transformer at Mandideep 220 (2nd)	+160 MVA	Completed
32	Narsinghgarh 132/33kv	40MVA +132kv FB(1)	C: 37% S: Not started yet E: Not started yet
33	Adampur 220/33kv	2x50MVA + 220kv FB(2)	C:43% S: Not started yet E: Not started yet
34	Bilkisganj 132/33kV S/s	(1X50) MVA; 132kV FB(1)	C:84% S: Not started yet E: Not started yet
35	Khujner/sindaota132/33kV	(1X50) MVA; 132kV FB(1)	C:93% S: Not started yet E: Not started yet
Itarsi			
36	Additional Transformer at Betul 220 (2nd)	+160 MVA	C:91% S: 31% E: Not started yet
37	Silvani 132kv /33kv	40 MVA +132kv FB(1)	C:26% S:38% E: Not started yet
38	Udaipura 132/33kv	40MVA + 132kv FB(2)	C:28% S: Not started yet E: Not started yet
39	Bisnoor/Masod 132/33kV	(1X50) MVA; 132kV FB(1)	C:25% S: Not started yet E: Not started yet
Ujjain			
40	Chhayan 132/33kV	40MVA+132kV FB(1)	C:97% S:90% E:83%
41	400kv Bus Reactor at Nagda 400kv S/S	1X125 MVAR	Completed
42	Shyamgarh 132/33kV	40MVA+132kV FB(2)	Layout issued.
Gwalior			
43	Chinaur 132/33kV	40MVA+132kV FB(1)	Completed
44	Bhander 132/33kV	63MVA+132kV FB(2)	Completed

S. No	Substation Name	Capacity and associated Feeder Bays	Project Status (Given in percentage; C=Civil foundations S=Structure works E=Equipment works)
45	Pratappura 132/33kV	40MVA+132kV FB(1)	Completed
46	Kelaras 132/33kV	63MVA+132kV FB(1)	Completed
47	Gohad 132/33kV	63MVA+132kV FB(2)	Completed
48	Kapasi/ Paranth 132/33kv	(1X50) MVA; 132kV FB(1)	C:66% S: Not started yet E: Not started yet
49	Mada 132/33kV S/s	(1X50) MVA; 132kV FB(1)	C:88% S: Not started yet E: Not started yet
Bina			
50	Khimlasa 132/33kV	40MVA+132kV FB(1)	C:14% S: Not started yet E: Not started yet
51	Mungaoli 132/33kV	63MVA+132kV FB(2)	Completed
52	Kothiya 132/33kV	40MVA+132kV FB(1)	Completed
53	Rehli 132/33kV S/s	(1X50) MVA; 132kV FB(1)	C:16% S: Not started yet E: Not started yet
Ratlam			
54	Suwasra 220/132kV S/s	(2X160+1X50) MVA 220kV FB(4)+132kV FB(4)	C:49% S: Not started yet E: Not started yet
55	Unhel 132/33kV S/s	(1X50) MVA; 132kV FB(2)	C:93% S: Not started yet E: Not started yet
56	Budha 132/33kV S/s	(1X50) MVA; 132kV FB(2)	Layout plan issued.

1.2 Purpose of the Report

The report captures the overall social safeguards implementation progress in compliance to project's Resettlement Framework and regulatory requirements. The various social safeguard related issues addressed during the reporting period has also been covered, with reference to the progress achieved and current status of reporting period.

1.2.1 The current report covers the implementation progress of social safeguards during January 2017 to June 2017.

1.3 Social Safeguard Categorisation

1.3.1 As per the Resettlement Plan prepared for the project, the project components are categorized as 'B' for Involuntary Resettlement (IR) and "C" for Indigenous Peoples according to ADB's Safeguard Policy Statement, 2009 (SPS).

2.0 Project Implementation Status

2.1 Overview of Social Impacts

2.1.1 The Resettlement Plan (RP) prepared for the project has identified social impacts due to damages to crop, and other losses. The total compensation (for crop damages) distributed is Rs.3,99,63,992. All substations so far are located on government waste land and no land has been acquired for the substations. The project will not have any impact on forest or forest dwelling communities. The land requirement for all the proposed substations where construction activity has started is estimated to be 112.667 ha approximately. In case of transmission lines, land required for each tower bases will not exceed 9 square meters per 132 kV lines tower, 36 square meters per 220 kV lines tower and 289 square meters 400 kV lines tower. Therefore, only a very small amount of land will be consumed for the bases of transmission towers per person. For construction of sub-stations, land used is government waste land and no private acquisition land has taken place yet. In case of Transmission lines, compensation is being duly paid to affected farmers for loss of income.

2.2 Project Affected Persons

2.2.1 The construction of substations is not likely to affect any person as all substations so far are built on government wasteland. For transmission lines, as per data available, total affected persons so far are 3817. The implementation of transmission lines has affected 3817 persons, which includes persons whose land is damaged, and trees or/and crops are coming within transmission corridor. During this reporting period, assessment of crop loss within transmission corridor is pending for some transmission lines due to either construction activity is not yet started or because of land record related matter. The details of affected persons for Transmission Lines are provided in Table No. 3.

Table no. 3: Affected Persons: Transmission Lines

S. No	Name of Line Works	No. of APs as per assessment		Area in hac.	Compensation in Rs.
Jabalpur					
1	LILO of 400kv seoni to Bhilai S/C line at Balaghat/Kirnapur (D/C)	Data for TLs are being collected			
2	LILO of 132kV Balaghat- Seoni/ Katangi line at Waraseoni 132kV S/s (2XD/C)	Data for TLs are being collected			
3	LILO of both circuit of 132kV Balaghat-Bhanegaon Line at Blaghat/Kirnapur 400kV S/s (2XD/C)	Data for TLs are being collected			
4	LILO of 132 Tikamgarh-Bijawar line for Bada Malehra (Satna Div.)	Data for TLs are being collected			
5	Second circuit of Tikamgarh- Budhera 132kV DCSS Line	Foundation	129	NA	1181825
		Erection	139	NA	1124874
		Stringing	190	NA	409596
		Total	**458**	**0**	**2716295**
6	Narsinghpur 220- Devnagar 132kV DCSS Line	Foundation	142	NA	1632150

S. No	Name of Line Works	No. of APs as per assessment		Area in hac.	Compensation in Rs.
		Erection	0	0	0
		Stringing	0	0	0
		Total	**142**	**0**	**1632150**
7	Karakbel- Belkheda 132kV DCSS line	Foundation	59	NA	1641245
		Erection	0	0	0
		Stringing	0	0	0
		Total	**59**	**0**	**1641245**
8	Narsinghpur 220KV Karakbel 132KV DCS line	Foundation	20	NA	637890
		Erection	0	0	0
		Stringing	0	0	0
		Total	**20**	**0**	**637890**
9	Panagar 220-Patan 132kV DCSS line	Data for TLs are being collected			
10	Chhindwara 220- Saori 132kV DCSS line	Foundation	31	-	390763
		Erection	0	-	0
		Stringing	0	-	0
		Total	**31**		**390763**
11	Chichli 220- Palohabada 132kV DCSS line	Data for TLs are being collected			
12	132kv DCSS line from Damoh 220kv to Patera 132 kv substation	Data for TLs are being collected			
13	Second circuit of 132kV Tap Line from Balaghat-Katangi	Foundation	0	0	0
		Erection	0	0	0
		Stringing	333	62.337	495061
		Total	**333**	**62.337**	**495061**
Satna					
14	Second circuit 132kV of chhatarpur- Khajuraho line	Foundation	0	0	0
		Erection	0	0	0
		Stringing	114	NA	1241450
		Total	**114**	**0**	**1241450**
15	LILO of second ckt of Bansagar-Satna 220kV line at Kotar 220kV S/s	Data for TLs are being collected			
16	LILO of Satna - Maihar 132kV line at Satna-II 132kV S/s	Data for TLs are being collected			
17	LILO of second ckt of Birsinghpur - Amarkantak 220kV line at Shahdol 220kV s/s	Data for TLs are being collected			
18	Birsinghpur 220-shahdol 132kV DCSS line	Data for TLs are being collected			
Indore					
19	LILO of one circuit of Ashta 400-Dewas 220 kv D/C line at Chapda 220kv S/s (D/C)	Foundation	23	3.25	443517
		Erection	0	0	0
		Stringing	0	0	0
		Total	**23**	**3.25**	**443517**
20	Pithampur 400 - Depalpur 220kv DCSS line	Foundation	172	22.104	2941510
		Erection	53	186.575	766173
		Stringing	0	0	0
		Total	**225**	**208.679**	**3707683**
21	Dewas 220- Agrod 132kv DCSS line	Foundation	38	7.413	627020
		Erection	0	0	0
		Stringing	0	0	0

S. No	Name of Line Works	No. of APs as per assessment		Area in hac.	Compensation in Rs.
		Total	**38**	**7.413**	**627020**
22	Dhar 220 - Teesgaon 132kv DCSS line	Foundation	30	4.773	528253
		Erection	0	0	0
		Stringing	0	0	0
		Total	**30**	**4.773**	**528253**
23	LILO of both Circuit of 400 kv Nagda-Rajgarh line at Badnawar (2 x D/C)	Data for TLs are being collected			
24	Second Circuit of Kukshi Alirajpur 132kv line	Foundation	0	0	0
		Erection	0	0	0
		Stringing	141	2.647	3865092
		Total	**141**	**2.647**	**3865092**
Barwaha					
25	LILO of 132 Khargone Bikayan line at 132 Kv sub-station Bistan	Data for TLs are being collected			
26	LILO of 132kv Chegaon Nepanagar line at Pandhana	Foundation	18	0.68	285390
		Erection	13	0.123	192831
		Stringing	18	1.17	174308
		Total	**49**	**1.973**	**652529**
27	LILO Manawar - Kukshi DCSS line at Singhana (D/C)	Foundation	133	13.817	1247024
		Erection	56	10.41	532274
		Stringing	43	15.124	216820
		Total	**232**	**39.351**	**1996118**
28	LILO of 132Kv Khargone -Julwaniya line at 132Kv S/S Talakpura	Foundation	7	NA	69811
		Erection	8	3.101	87347
		Stringing	0	0	0
		Total	**15**	**3.101**	**157158**
29	Julwaniya 400- Kukshi 220kv line (D/C)	Foundation	116	14.657	1705858
		Erection	34	5.943	627756
		Stringing	0	0	0
		Total	**150**	**20.6**	**2333614**
30	Malwa TPS- Chhanera 220kV DCDS Line	Data for TLs are being collected			
31	Chhegaon 220- Singot 132kV DCDS Line	Data for TLs are being collected			
32	Chhanera 220- Khirkiya 132kV DCDS Line	Data for TLs are being collected			
Bhopal					
33	Bairagarh 220 - Intkhedi 132kv DCDS line	Foundation	22	4.941	307580
		Erection	0	0	0
		Stringing	0	0	0
		Total	**22**	**4.941**	**307580**
34	Second circuit of Bairagarh – Shyampur	Foundation	0	0	0
		Erection	0	0	0
		Stringing	28	0.8754	95442
		Total	**28**	**0.8754**	**95442**
35	Second circuit of Gairatganj - Vidisha 220 132kv line	Foundation	0	0	0
		Erection	0	0	0
		Stringing	289	15.145	851211
		Total	**289**	**15.145**	**851211**

S. No	Name of Line Works	No. of APs as per assessment		Area in hac.	Compensation in Rs.
36	Shujalpur- Narsinghgarh 220kv DCSS line (Initially charged on 132kv)	Foundation	54	6.608	583650
		Erection	0	0	0
		Stringing	0	0	0
		Total	**54**	**6.608**	**583650**
37	LILO of one circuit of Bhopal - Hosangabad 220kv D/C line at Adampur 220kv S/s (D/C)	Data for TLs are being collected			
38	Udaipura -Silvani 132kv DCSS line	Foundation	89	9.154	1020780
		Erection	6	0.4707	70605
		Stringing	0	0	0
		Total	**95**	**9.6247**	**1091385**
39	LILO of Vidisha- Bairasiya Line at Salamatpur 132 KV S/s	Data for TLs are being collected			
40	Mugaliyachhaap 220- Bikisganj 132kV DCDS line	Data for TLs are being collected			
41	132kv Rajgarh (Biaora) –Khujner/ Sindaota Line	Data for TLs are being collected			
42	LILO of one ckt of Vidisha Gairatganj at Raisen 132kV S/s	Data for TLs are being collected			
Itarsi					
43	Second circuit of Betul 220 Gudgaon 132kv line	Foundation	0	0	0
		Erection	0	0	0
		Stringing	188	343.635	727932
		Total	**188**	**343.635**	**727932**
44	Chichli 220- Udaipura 132kv DCDS line (220kv line charged at 132kv)	Foundation	180	891.076	3431958
		Erection	37	128.882	530740
		Stringing	0	0	0
		Total	**217**	**1019.958**	**3962698**
45	Betul400 (PGCIL)- Betul 220kV DCDS line	Foundation	14	26.523	212690
		Erection	0	0	0
		Stringing	0	0	0
		Total	**14**	**26.523**	**212690**
46	Betul 220- Bisnoor/Masod 132kV DCSS line	Data for TLs are being collected			
Ujjain					
47	Badnagar 220- Chhayan 132kv DCSS line	Foundation	26	5.453	634740
		Erection	2	0.41	24012
		Stringing	0	0	0
		Total	**28**	**5.863**	**658752**
48	LILO of Badnagar -Ratlam 220kv D/C line at Badnagar 400kv S/s (2xD/C)	Data for TLs are being collected			
49	LILO of both ckt of Gandhisagar - Suwasra/Garoth 132kV line at Bhanpura 220kV S/s	Data for TLs are being collected			
50	LILO of both ckt of Badod-Suwasra / Garoth 132kV line at Suwasra 220kV S/s	Data for TLs are being collected			
Ratlam					
51	LILO of 132kv Badod - Garoth line at Shyamgarh (D/C)	Data for TLs are being collected			
52	LILO of Ratlam - Meghnagar 132kv S/c line at Petlawad DCDS (D/C)	Data for TLs are being collected			
53	LILO of second ckt of Badod - Kota/Madok	Data for TLs are being collected			

S. No	Name of Line Works	No. of APs as per assessment		Area in hac.	Compensation in Rs.
	220kV line at Bhanpura 220kV S/s				
54	LILO of both ckt of Badod- Kota/Modak 220kV line at Suwasra 220kV S/s (2XD/C)	Data for TLs are being collected			
55	LILO of second ckt of Nagda- Neemuch 220kV line at Daloda 220kV S/s	Data for TLs are being collected			
56	LILO of Nagda 220-Ratadiya 132kV line at Unhel	Data for TLs are being collected			
57	LILO of one ckt of Neemuch 220-Mandsaur 132kV line at Budha 132kvS/s	Data for TLs are being collected			
Gwalior					
58	LILO of 132 KV Gwalior- Dabra/ Karera Line at Chinaur	Data for TLs are being collected			
59	Datiya220- Bhander 132kV DCSS Line	Foundation	0	0	0
		Erection	0	0	0
		Stringing	18	2.218	132556
		Total	**18**	**2.218**	**132556**
60	Mehgaon 220-Pratappura 132kV DCSS line	Foundation	125	13.012	1097785
		Erection	46	9.455	441374
		Stringing	43	15.124	216820
		Total	**214**	**37.591**	**1755979**
61	Sabalgarh 220- Kelaras 132kV DCSS Line	Data for TLs are being collected			
62	Malanpur 220- Gohad 132kV DCDS Line	Foundation	76	15.122	861153
		Erection	26	6.552	342265
		Stringing	80	18.0924	277975
		Total	**182**	**39.7664**	**1481393**
63	220 KV DCDS Morena 400 KV (CWRTL Adani) – Sabalgarh DCDS Line	Data for TLs are being collected			
64	Bhonra-Kapasi 132 kv DCSS line	Data for TLs are being collected			
65	Kolaras-Mada 132kV DCSS line	Data for TLs are being collected			
66	132kv DCDS Guna 220-Bhonra line	Data for TLs are being collected			
67	LILO of one circuit of Malanpur- Mehgaon line at 400 KV S/s (CWRTL Adani) Morena	Data for TLs are being collected			
68	2nd circuit of Shivpuri 220- Kolaras 132kV DCSS line	Data for TLs are being collected			
69	2nd ckt of Malanpur- Morar 132kV line	Data for TLs are being collected			
Bina					
70	Khurai- Khimlasa 132kV DCSS line	Foundation	69	10.167	669218
		Erection	0	0	0
		Stringing	0	0	0
		Total	**69**	**10.167**	**669218**
71	LILO of Mungaoli Traction Feeder to Mungaoli (D/C)	Data for TLs are being collected			
72	Ashoknagar 220-Kothiya 132kV DCSS Line	Foundation	73	22.287	1299707
		Erection	70	10.792	642428
		Stringing	50	7.266	217443
		Total	**193**	**40.345**	**2159578**
73	Sagar220- Rehli 132kV DCSS line	Data for TLs are being collected			
74	2nd ckt of Sagar 220-Sagar 132kV (I/C)	Data for TLs are being collected			
75	Stringing of 3rd conductor from Bina220 to	Foundation	53	519.168	958956

S. No	Name of Line Works	No. of APs as per assessment		Area in hac.	Compensation in Rs.
	Mungaoli	Erection	43	11.967	721648
		Stringing	50	8.15	527486
		Total	**146**	**539.285**	**2208090**
Grand Total		**No. of APs as per assessment**		**Area in ha.**	**Compensation in Rs.**
		Foundation	1699	**1590.202**	**24410473**
		Erection	533	**374.681**	**6104327**
		Stringing	1585	**491.622**	**9449192**
		Total	**3817**	**2456.505**	**39963992**

2.3 Impacts on Land

2.3.1 The construction of sub-stations is on government waste land and 112.667 ha of land has been allotted so far. During the reporting period of previous social monitoring report, land for Mada substation was not final. Work has begun on Mada substation now and the substation is being built entirely on government land. Details of land allotment for substations are given in table 4.

Table no. 4: Details of Land Allotment– Substation

S. No	Substation Name	Capacity and associated Feeder Bays	Area Affected (in hectares)	Ownership
Jabalpur				
1	Balaghat/Kirnapur 400/132kv	(2 x 100+40MVA) +400kv FB(2) +132kv FB(4)	10.840	Government Land
2	Waraseoni 132kV	40MVA+132kV FB(2)	2.00	Government Land
3	Bada Malehra 132/33kV	40 MVA+132kV FB(1)	1.00	Government Land
4	Deonagar 132/33kV	40 MVA+132kV FB(1)	1.2	Government Land
5	Belkheda 132/33kV	40MVA+132kV FB(1)	2.7	Government Land
6	Karakbel 132/33kV	40MVA+132kV FB(2)	1.63	Government Land
7	Saori 132/33kV S/s	(1X50) MVA; 132kV FB(1)	1.00	Government Land
8	Palohabada 132/33kV S/s[8]	(1X50) MVA; 132kV FB(1)	Yet to start	-
9	Patera 132/33kV S/s	(1X50) MVA; 132kV FB(1)	1.00	Government Land
Satna				
10	Additional Transformer at Sidhi 220 (2nd)	+160 MVA	The additional component is placed inside existing substation land and no land is acquired for same.	-
11	Additional Transformer at	+160 MVA	The additional	-

[8]Land allotment for substation Palohabada is not yet final.

S. No	Substation Name	Capacity and associated Feeder Bays	Area Affected (in hectares)	Ownership
	Kotar 220 (2nd)		component is placed inside existing substation land and no land is acquired for same.	
12	Additional Transformer at Chhatarpur (2nd)	+160 MVA	The additional component is placed inside existing substation land and no land is acquired for same.	-
13	Satna-II 132/33kV S/s [9]	(2X50) MVA; 132kV FB(2)	Yet to start	-
14	Shahdol 220/132kV S/s (Upgradation)	(1X60) MVA; 220kV FB(2)+132kV FB(1)	1.00	Government Land
Indore				
15	Badnawar 400/220kv	(2x315MVA) + 400kv FB (4) + 220kv FB (4) +125MVAR bus Reactor	16.00	Government Land
16	Upgradation of Chapda 132kv S/S to 220kv	(1x160MVA) + 220kv FB(2)	5.33	Government Land
17	Upgradation of Depalpur 132kv S/s to 220kv	(1x160MVA) + 220kv FB (1)	1.00	Government Land
18	Agrod 132/33kV	40MVA+132kV FB(1)	0.72	Government Land
Barwaha				
19	400/220kv additional transformer at Chhegaon 400kv S/S	1x315 MVA	The additional component is placed inside existing substation land and no land is acquired for same.	-
20	Teesgaon 132/33kV	40MVA+132kV FB(1)	1.00	Government Land
21	Bistan 132/33 kV	40 MVA+ 132kV FB(1)	2.25	Government Land
22	Pandhana 132/33kV	40MVA+132kV FB(2)	1.07	Government Land
23	Singhana 132/33kV	40MVA+132kV FB(2)	1.00	Government Land
24	Talakpura 132/33kV	40MVA+132kV FB(1)	2.220	Government Land
25	Kukshi 220/132kv	160 MVA + 220kv FB(2) +132kv FB(1)	1.00	Government Land
26	Chhanera 220/132kV S/s	(2X160+1X50) MVA 220kV FB(2)+132kV FB(3)	1.00	Government Land
27	Singot 132/33kV S/s	(1X50)MVA; 132kV FB(1)	1.00	Government Land
Bhopal				

[9]Land allotment for substation Satna II is not yet final.

S. No	Substation Name	Capacity and associated Feeder Bays	Area Affected (in hectares)	Ownership
28	Salamatpur 132kv/33kv	40 MVA +132kv FB(1)	1.00	Government Land
29	Intkhedi 132kv /33kv	63 MVA +132kv FB(2)	1.00	Government Land
30	400/220kv additional transformer at Bhopal 400kv S/S	1x315 MVA	The additional component is placed inside existing substation land and no land is acquired for same.	-
31	Additional Transformer at Mandideep 220 (2nd)	+160 MVA	The additional component is placed inside existing substation land and no land is acquired for same.	-
32	Narsinghgarh 132/33kv	40MVA +132kv FB(1)	6.00	Government Land
33	Adampur 220/33kv	2x50MVA + 220kv FB(2)	1.00	Government Land
34	Bilkisganj 132/33kV S/s	(1X50) MVA; 132kV FB(1)	1.96	Government Land
35	Khujner/sindaota132/33kV	(1X50) MVA; 132kV FB(1)	2.6	Government Land
Itarsi				
36	Additional Transformer at Betul 220 (2nd)	+160 MVA	The additional component is placed inside existing substation land and no land is acquired for same.	-
37	Silvani 132kv /33kv	40 MVA +132kv FB(1)	1.29	Government Land
38	Udaipura 132/33kv	40MVA + 132kv FB(2)	6.073	Government Land
39	Bisnoor/Masod 132/33kV	(1X50) MVA; 132kV FB(1)	1.00	Government Land
Ujjain				
40	Chhayan 132/33kV	40MVA+132kV FB(1)	0.25	Government Land
41	400kv Bus Reactor at Nagda 400kv S/S	1X125 MVAR	The additional component is placed inside existing substation land and no land is acquired for same.	-
42	Shyamgarh 132/33kV	40MVA+132kV FB(2)	2.74	Government Land
Gwalior				
43	Chinaur 132/33kV	40MVA+132kV FB(1)	2.31	Government Land
44	Bhander 132/33kV	63MVA+132kV FB(2)	0.99	Government Land
45	Pratappura 132/33kV	40MVA+132kV FB(1)	1.71	Government Land

S. No	Substation Name	Capacity and associated Feeder Bays	Area Affected (in hectares)	Ownership
46	Kelaras 132/33kV	63MVA+132kV FB(1)	2.142	Government Land
47	Gohad 132/33kV	63MVA+132kV FB(2)	1.00	Government Land
48	Kapasi/ Paranth 132/33kv	(1X50) MVA; 132kV FB(1)	2.25	Government Land
49	Mada 132/33kV S/s	(1X50) MVA; 132kV FB(1)	2.5	Government Land
Bina				
50	Khimlasa 132/33kV	40MVA+132kV FB(1)	0.789	Government Land
51	Mungaoli 132/33kV	63MVA+132kV FB(2)	2.225	Government Land
52	Kothiya 132/33kV	40MVA+132kV FB(1)	2.388	Government Land
53	Rehli 132/33kV S/s	(1X50) MVA; 132kV FB(1)	3.54	Government Land
Ratlam				
54	Suwasra 220/132kV S/s	(2X160+1X50) MVA 220kV FB(4)+132kV FB(4)	7.5	Government Land
55	Unhel 132/33kV S/s	(1X50) MVA; 132kV FB(2)	1.00	Government Land
56	Budha 132/33kV S/s	(1X50) MVA; 132kV FB(2)	1.45	Government Land

2.4 Impacts on Structure

All sub-stations sites so far are identified on government wasteland and do not impact any structure. In case of transmission lines, no impact on any kind of structure has been identified till this reporting.

2.5 Crop Damage

2.5.1 The sub-stations sites are all government wasteland so far and do not impact any standing crop. In case of transmission lines, contractors usually carry out project works post harvesting of crop, so as to minimize impact on standing crop. However, this is not possible in all cases and compensation is paid to farmers for loss of income due to damage of crops and tress etc. The kind of crop damaged due to construction of transmission lines if given below in table 5.

Table no. 5: Crop Damaged in TL's

S.No.	Lines Name	Work Description	Affected Crop
1	132 kv Ashoknagar- Kothiya line	Foundation	Wheat, Gram, Masoor, Urad, Sugarcane, Soyabean
		Erection	Wheat, Soyabean, Urad, Gram, Masoor, Dhaniya
		Stringing	Sugarcane, Gram, Dhaniya, Wheat, Soyabean
2	132 kv Badnagar Chhayan Line	Foundation	Wheat

S.No.	Lines Name	Work Description	Affected Crop
3	132 kv Bairagarh-Intkhedi Line	Foundation	Soyabean, Wheat
4	132 kv Bairagarh-Shyampur Line	Stringing	Onion, Gikli, Karela, Soyabean, Arhar, Dhaniya
5	132 kv Baitul-Gudgaon Line (Itarsi)	Stringing	Wheat, Gram, Sugarcane
6	132 kv Balaghat Seoni Katangi Line	Stringing	Sugarcane, Gram, Wheat, Paddy, Arhar, Alsi, Tiwda
7	132 kv Bina Mugawali RTS Line	Foundation	Soyabean, Wheat, Gram
		Erection	Wheat, Gram, Garlic, Soyabean, Masoor
		Stringing	Gra, Masoor, Wheat
8	132 kv Chhaigaon - Nepanagar line	Foundation	Onion, Wheat
		Erection	Onion, Wheat
		Stringing	Chili, Arhar
9	132 kv Chhatarpur-Khajuraho Line	Stringing	Wheat, Gram
10	132 kv Chichli-Udaypura Line	Foundation	Moong, Paddy, Arhar, Gram, Sugarcane, Wheat
		Erection	Arhar, Paddy, Moong
11	132 kv Datiya Bhander Line	Stringing	Urad, Moong, Bazra
12	132 kv Dewas Aagrod Line	Foundation	Wheat, Gram, Onion, Makka
13	132 kv Dhar Teesgaon Line	Foundation	Wheat, Gram, Dhaniya, Soyabean, Leadyfinger
14	132 kv Karakbel Belkheda Line	Foundation	
15	132 kv Khargone - Julwaniya DP line	Foundation	Cotton, Chili, Arhar
		Erection	Cotton
16	132 kv Khurai- Khimlasa line	Foundation	Whear, Gram, Masoor, Arhar, Pea,
17	132 kv Kukshi Alirajpur Line	Stringing	Wheat, Gram, Peanut
18	132 kv Maalanpur-Gohad Line	Foundation	Mustard, Gram, Wheat, Tili,
		Erection	Tili
		Stringing	Tili, Paddy, Jawar, Moong, Mustard, Gram
19	132 kv Manawar - Kukshi line	Foundation	Chili, Mustard, Wheat, Masoor, Tili, Bazra, Moong, Garlic, Jawar, Barsin, Onion, Arbi, Taroi< Moong
		Erection	Onion, Gralic, Tili, Mustard, Wheat, Barsin, Moong, Ratalu
		Stringing	Moong, Bazra, Wheat, Jawar, Arhar, Tili
20	132 kv Narsinghpur - Devnagar Line	Foundation	
21	132 kv Narsinghpur Karakbel Line	Foundation	

S.No.	Lines Name	Work Description	Affected Crop
22	132 kv Tikamgarh - Budhera Line	Foundation	
23	132 kv Udaypura Silwani Line	Foundation	Wheat, Gram, Arhar, Pea, Masoor, Dhaniya, Garlic, Sugarcane
		Erection	Moong
24	132 kv Vidisha-Gairatganj Line	Stringing	Wheat, Gram, Masoor, Tiwda, Alsi, Arhar, Tiwda
25	220 kv Aasta Dewas Chapda Line	Foundation	Gram, Garlic, Onion,Poteto, Cotton, Arhar, Soyabean,Wheat, Makka
26	220 kv Depalpur_Pithampur Line	Foundation	Poteto, Gram, Dhaniya, Arhar, Onion, Makka, Leadyfinger, Paddy, Wheat, Moong, Garlic, Palak, Gilki, Soyabean
		Erection	Wheat, Garlic, Gram, Makka, Dhaniya, Onion, Methi
27	220 kv Julwaniya- Kukshi DCDS line	Foundation	Cotton, Chili, Makka, Wheat, Arhar, Gram
		Erection	Cotton, Wheat, Gram, Chili
28	220 kv Sujalpur Narsinghgarh Line	Foundation	Wheat, Masoor, Dhaniya, Gram, Garlic, Onion
29	400 Betul PGCIL Betul 220 Interconnector Line	Foundation	Whear, Gram ,Arhar
30	132 kv Mehgaon Pratappura Line	Foundation	Mustard, Gram, Wheat, Tili, Bazra, Moong, Garlic, Barsin, Jawar, Arbi, Torai, Moong
		Erection	Tili, Mustard, Garlic, Barsin, Wheat, Moong, Ratalu, Arhar
		Stringing	Moong, Wheat, Bazra, Jawar, Tili, Arhar

2.6 Impacts on Tree

At all sub-stations sites, tree cutting was not involved as they are on government wasteland. In case of transmission lines, number of trees that will be cut are given in table 6 below.

Table no. 6: Details of Tree Cutting in Transmission Lines

S. No	Name of Line Works	Total no. of Trees to be cut Nil means no trees will be cut.
Jabalpur		
1	LILO of 400kv seoni to Bhilai S/C line at Balaghat/Kirnapur (D/C)	30
2	LILO of 132kV Balaghat- Seoni/ Katangi line at Waraseoni 132kV S/s (2XD/C)	170

S. No	Name of Line Works	Total no. of Trees to be cut Nil means no trees will be cut.
3	LILO of both circuit of 132kV Balaghat-Bhanegaon Line at Blaghat/Kirnapur 400kV S/s (2XD/C)	38
4	LILO of 132 Tikamgarh-Bijawar line for Bada Malehra	100
5	Second circuit of Tikamgarh- Budhera 132kV DCSS Line	1452
6	Narsinghpur 220- Devnagar 132kV DCSS Line	Nil
7	Karakbel- Belkheda 132kV DCSS line	Nil
8	Narsinghpur 220KV Karakbel 132KV DCS line	Nil
9	Panagar 220-Patan 132kV DCSS line	Nil
10	Chhindwara 220- Saori 132kV DCSS line	205
11	Chichli 220- Palohabada 132kV DCSS line	Nil
12	132kv DCSS line from Damoh 220kv to Patera 132 kv substation	18
13	Second circuit of 132kV Tap Line from Balaghat-Katangi	532
Satna		
14	Second circuit 132kV of chhatarpur- Khajuraho line	1822
15	LILO of second ckt of Bansagar-Satna 220kV line at Kotar 220kV S/s	175
16	LILO of Satna - Maihar 132kV line at Satna-II 132kV S/s	Route is not finalised yet.
17	LILO of second ckt of Birsinghpur - Amarkantak 220kV line at Shahdol 220kV s/s	520
18	Birsinghpur 220-shahdol 132kV DCSS line	1050
Indore		
19	LILO of one circuit of Ashta 400-Dewas 220 kv D/C line at Chapda 220kv S/s (D/C)	1
20	Pithampur 400 - Depalpur 220kv DCSS line	14
21	Dewas 220- Agrod 132kv DCSS line	3
22	Dhar 220 - Teesgaon 132kv DCSS line	Nil
23	LILO of both Circuit of 400 kv Nagda-Rajgarh line at Badnawar (2 x D/C)	Nil
24	Second Circuit of Kukshi Alirajpur 132kv line	492
Barwaha		
25	LILO of 132 Khargone Bikayan line at 132 Kv sub-station Bistan	Nil
26	LILO of 132kv Chegaon Nepanagar line at Pandhana	Nil
27	LILO Manawar - Kukshi DCSS line at Singhana (D/C)	Nil
28	LILO of 132Kv Khargone -Julwaniya line at 132Kv S/S Talakpura	Nil
29	Julwaniya 400- Kukshi 220kv line (D/C)	Nil
30	Malwa TPS- Chhanera 220kV DCDS Line	Nil
31	Chhegaon 220- Singot 132kV DCDS Line	Nil
32	Chhanera 220- Khirkiya 132kV DCDS Line	Nil
Bhopal		
33	Bairagarh 220 - Intkhedi 132kv DCDS line	Nil
34	Second circuit of Bairagarh – Shyampur	Nil
35	Second circuit of Gairatganj - Vidisha 220 132kv line	Nil
36	Shujalpur- Narsinghgarh 220kv DCSS line (Initially charged on 132kv)	Nil
37	LILO of one circuit of Bhopal - Hosangabad 220kv D/C line at Adampur 220kv S/s (D/C)	Nil
38	Udaipura -Silvani 132kv DCSS line	Nil
39	LILO of Vidisha- Bairasiya Line at Salamatpur 132 KV S/s	Nil

S. No	Name of Line Works	Total no. of Trees to be cut Nil means no trees will be cut.
40	Mugaliyachhaap 220- Bikisganj 132kV DCDS line	Nil
41	132kv Rajgarh (Biaora) –Khujner/ Sindaota Line	Nil
42	LILO of one ckt of Vidisha Gairatganj at Raisen 132kV S/s	Nil
Itarsi		
43	Second circuit of Betul 220 Gudgaon 132kv line	Nil
44	Chichli 220- Udaipura 132kv DCDS line (220kv line charged at 132kv)	47
45	Betul400 (PGCIL)- Betul 220kV DCDS line	Nil
46	Betul 220- Bisnoor/Masod 132kV DCSS line	Nil
Ujjain		
47	Badnagar 220- Chhayan 132kv DCSS line	Nil
48	LILO of Badnagar -Ratlam 220kv D/C line at Badnagar 400kv S/s (2xD/C)	Nil
49	LILO of both ckt of Gandhisagar - Suwasra/Garoth 132kV line at Bhanpura 220kV S/s	Nil
50	LILO of both ckt of Badod-Suwasra / Garoth 132kV line at Suwasra 220kV S/s	Nil
Ratlam		
51	LILO of 132kv Badod - Garoth line at Shyamgarh (D/C)	3
52	LILO of Ratlam - Meghnagar 132kv S/c line at Petlawad DCDS (D/C)	Nil
53	LILO of second ckt of Badod - Kota/Madok 220kV line at Bhanpura 220kV S/s	Nil
54	LILO of both ckt of Badod- Kota/Modak 220kV line at Suwasra 220kV S/s (2XD/C)	17
55	LILO of second ckt of Nagda- Neemuch 220kV line at Daloda 220kV S/s	33
56	LILO of Nagda 220-Ratadiya 132kV line at Unhel	Nil
57	LILO of one ckt of Neemuch 220-Mandsaur 132kV line at Budha 132kvS/s	88
Gwalior		
58	LILO of 132 KV Gwalior- Dabra/ Karera Line at Chinaur	Nil
59	Datiya220- Bhander 132kV DCSS Line	Nil
60	Mehgaon 220-Pratappura 132kV DCSS line	Nil
61	Sabalgarh 220- Kelaras 132kV DCSS Line	Nil
62	Malanpur 220- Gohad 132kV DCDS Line	Nil
63	220 KV DCDS Morena 400 KV (CWRTL Adani) – Sabalgarh DCDS Line	Nil
64	Bhonra-Kapasi 132 kv DCSS line	Nil
65	Kolaras-Mada 132kV DCSS line	Nil
66	132kv DCDS Guna 220-Bhonra line	Nil
67	LILO of one circuit of Malanpur- Mehgaon line at 400 KV S/s (CWRTL Adani) Morena	Nil
68	2nd circuit of Shivpuri 220- Kolaras 132kV DCSS line	Nil
69	2nd ckt of Malanpur- Morar 132kV line	Nil
Bina		
70	Khurai- Khimlasa 132kV DCSS line	Nil
71	LILO of Mungaoli Traction Feeder to Mungaoli (D/C)	Nil
72	Ashoknagar 220-Kothiya 132kV DCSS Line	Nil
73	Sagar220- Rehli 132kV DCSS line	Nil
74	2nd ckt of Sagar 220-Sagar 132kV (I/C)	Nil
75	Stringing of 3rd conductor from Bina220 to Mungaoli	Nil

2.7 Impact on Livelihood

Impacts on livelihood are temporary and compensation is paid for transmission lines construction and stringing works. Once the lines are built, regular agriculture activity can be carried out. Hence, the livelihood is not affected in any permanent manner.

2.8 Impacts on Common Property Resources (CPR)

The sub-stations site and the transmission lines identified for the project do not impact any CPR's.

3.0 Compensation

3.1 Land Compensation

3.1.1 There is no land acquisition in the project so far.

3.2 Compensation Status for Crop, Trees and Land Damaged

3.2.1. Cumulatively till end of reporting period, INR. Rs. 3,99,63,992 has been paid to affected persons for loss of their standing crops and land damaged due to tower footings. The payment for land damage, loss of crop and trees is presently underway for some lines.

3.3 Relocation of CPR's

Impact on CPR's is not recorded till end of reporting period. However, if any such impact is identified, after assessment and after verification the replacement cost shall be provided in line with provision in the project's RP.

4.0 Consultation and Disclosures

4.1 Consultation

4.1.1 The implementation of R&R activities is a multifaceted task demanding constant monitoring during various stages of implementation. Engagement of stakeholders during various stages of project is necessary due to dynamics at different stakeholder level that might create more challenges for the program implementation. A continuous engagement with affected persons is necessary to ensure their participation, identify problems, creates ownership on program and for smooth sailing of the project. Attendance list of people who participated in consultation process is given in annexure 1 and photographs of site visits are given in annexure 2.

4.1.2. During this reporting period, site visits were undertaken for holding direct consultations with affected persons. The main objective of the site visits were to understand and check the compensation disbursement process to the affected persons for land damaged. Public consultation was organised with affected persons for various transmission lines.

4.1.3 The key findings of the consultation meetings were:

- People were generally supportive of the project but wanted construction activity to be completed during non cropping season and between harvests.
- People wanted to receive regular updates about statuses of their compensation and cheque amount.
- Affected persons were satisfied in general and were willing to support the project.

4.2 Disclosures

4.2.1 To ensure transparency in planning and active involvement of APs and other stakeholders, the project information, Short Resettlement Plan report will be uploaded in the official website of the EA and ADB. The final resettlement plan will be uploaded after the final approval from ADB. The summary of the final RP will be made available in vernacular language. The official of IA will continue interact with affected persons and information dissemination through consultation will continue throughout Investment Program implementation period.

5.0 Grievance Redress Mechanism

5.1 The Grievance redress committee is set up by MP Transco-PMU and consists of representatives from the local Panchayat Head, a District Revenue Commissioner, representative from the EPC Contractor(s) only during construction phase, designated staff of MP Transco-PMU on safeguards, Manager/Director of MP Transco-PMU, and a witness of the complainant/affected person .

5.2. Responsibilities: The GRC is expected to: (i) resolve issues on land acquisition (if any), compensation to temporary damages to crops and plants, and other use of land such as borrow areas for transmission towers and substations; (ii) convene twice a month to review complaints lodged (if any), (iii) record the grievances and resolve the issues within a month (30 days) from the date the grievance was filed, (iv) report to the complainant(s) the status of grievance resolution and the decisions made.

5.3. Procedures: Minor grievances on compensation or environmental issue during construction will be resolved onsite through the EPC Contractor(s) Project Site Engineer. As a formal process of grievance resolution, the procedure is described below.

(i) Affected persons (APs) are informed in writing by MP Transco-PMU (or designated representative) of the damages and entitlements for compensation. If the APs are satisfied, compensation can be claimed from MP Transco-PMU through the EPC Contractor(s). If the APs are not satisfied, they can request for clarification from MP Transco-PMU. If the APs are not convinced with the outcome, they can file the grievance to the GRC with the help of MP Transco-PMU who will provide the written documentation.

(ii) The GRC conducts a hearing of the grievance in the presence of the APs and will provide a decision within 15 days from the receipt of the complaint. Minutes of the meeting are approved by MP Transco-PMU and provided to the APs including the decision made by the GRC. If the APs are satisfied with the GRC decision, they can claim the compensation from MP Transco-PMU and/or EPC Contractor(s).

(iii) Records of all grievances received for the subprojects are summarized region-wise in table 7.0.

Table no. 7: Grievance Redress Status

S. No	Name of Region	Total no. of grievances received	Grievances Settled	Remarks
1.	Jabalpur	NIL	NA	NA
2.	Satna	NIL	NA	NA
3.	Indore	NIL	NA	NA
4.	Barwaha	NIL	NA	NA

S. No	Name of Region	Total no. of grievances received	Grievances Settled	Remarks
5.	Bhopal	NIL	NA	NA
6.	Itarsi	NIL	NA	NA
7.	Ujjain	NIL	NA	NA
8.	Ratlam	NIL	NA	NA
9.	Gwalior	NIL	NA	NA
10.	Bina	NIL	NA	NA

6.0 Institutional Arrangements

6.1. The Madhya Pradesh Power Transmission Company Ltd. (MPPTCL) serves as the executing agencies (EAs) and implementing agencies (IAs) for the project. MPPTCL have established project management units (PMUs) to implement the ADB loans in Madhya Pradesh Power Sector Program. They serve as PMUs of the proposed project. Field level staff/engineer is deputed at divisional level who assumes primary responsibility for the environmental and social assessment as well as implementation of RPs for their respective components. Each PMU is required to designate a social development specialist within the PMU along with other engineering units to address the social and resettlement issues of the program. For RP implementation, PMU carried out the overall coordination, preparation, planning, implementation, and financing. The EA ensures that key institutions including local governments are involved in RP updating and implementation. The PMUs are responsible for managing the site activities related to safeguards and work closely with the field level staff.

7.0 Monitoring and Evaluation

7.1 Monitoring is the responsibility of the EAs/IAs. Regular monitoring activities are carried out internally by MPPTCL and their PMUs to assess resettlement implementation progress and identifying potential difficulties and problems. RP implementation is closely monitored through internal monitoring arrangements, to assess resettlement progress and identify potential difficulties and problems.

7.2 MPPTCL monitors the progress of implementation of safeguard plans, verifies the compliance with safeguard measures and their progress toward intended outcomes, documents and discloses monitoring results, identifies necessary corrective and preventive actions in the periodic monitoring reports and submits periodic monitoring reports (bi-annual) on safeguard measures as agreed with ADB.

7.3 PMU will be responsible for managing and maintaining affected person databases, documenting the results of the affected person census. Semi-annual monitoring reports documenting progress on resettlement implementation and resettlement plan completion reports will be provided to ADB for review.

7.5 During this reporting period, the consultant has visited various project sites to conduct field visits and to scrutinize overall implementation of social and environmental measures of the project.

7.6. Monitoring and evaluation reports documenting progress on resettlement implementation and RP completion reports will be provided bi-annually by the PMU to ADB for review.

8.0 Conclusion

8.1 The allotment of government waste land is completed for construction of 20 substations and works are underway for same at others. The substation Mada where construction activity has now begun is being built on government land. In case of transmission lines, compensation is being duly paid by cheque to affected persons.

8.2. Executing Agency is closely monitoring and coordinating with respective departments to expedite RP activities implementation and resolving of any social issues, to complete all social safeguard activities. All divisions are required to maintain grievance registers for recording any grievances from the public.

Annexure 1: Public Consultation Attendance List

Public Consultation Attendance Sheet for SMR, Loan No. 3066 IND

S. No.	Name of Person	Employment	Signature	Name of Transmission line
1	Maharaj Singh	Agriculture		132 kv Ashoknagar - kotthiya line
2	Nilesh Raghuvanshi			
3	Seeba Bai			
4	Tufan Singh			132 kv. Barnagar - Chhayan line
5	Bhangudal			
6	Avant Singh	Business.		
7	Prahlad Gour			132 kv. Bairagarh - Jutkheri line.
8	Omprakash Vishwakarma	Shop.		
9	Jamna Prasad	Dependent.		
10	Rukmani Bai			132 kv. Bairagarh - Shyampur line.
11	Afzal Khan			
12	Arjun Mina			
13				132 kv. Betul - Gadgaon line.
14				
15				
16				132 kv. Balaghat - Seoni Katangi line.
17	Hamid Ali			
18	Keshav Rao Baheshwar	Private Job. / Agri.		
19	Komal Singh Gurjar			132 kv. Bina Mugawali RTS line.
20	Sunil kumar Dawar			
21	Santosh Singh Rajput			
22	Keerti Mandloi			132 kv. Chhaigaon - Nepanagar line.
23	Ramesh Singh			
24	Bhagwan Singh			

25	Balkrishan Patel	कृषि	बालकृष्ण	132 kv. Chhitarpur - Khajuraho line.
26	Tirath Raj Mishra	स्वयं	Tirathraj	
27	Laxmi Prasad Vishwa	कृषि	Laxmi	
28	Santosh Chaurasia	व्यवसाय / कृषि	Santosh	132 kv. Chhindwara - Sausar line.
29	Yadunath Rao Pawar	स्वयं	Yadunath	
30	Sahab Lal Vaidya	व्यवसाय / स्वयं	साहब लाल	
31	Rajesh Singh Rathod	स्वयं	Rajesh Singh	132 kv. Chichli - Udaipura line.
32	Shivcharan Singh	व्यवसाय / स्वयं	शिवचरण	
33	Bagwati Bai	कृषि	बगवाती	
34	Dayawati Pal	कृषि	दयावती	132 kv. Datiya - Bhander line.
35	Ravinder Dangi	कृषि	रविंद्र डांगी	
36	Attar Singh	स्वयं	अत्तर सिंह	
37	Mukesh Lakhpan	कृषि	मुकेश	132 kv. Dewas - Agrod line.
38	Mahipal Singh	स्वयं	Mahipal Singh	
39	Girvar Hajari Lal	स्वयं	गिरवर	
40	Lunajee Bhilaji	व्यवसाय / स्वयं	Ramu	132 kv. Dhar - Teesgaon line.
41	Mubarak Yasin	कृषि / किराना	मुबारक	
42	Babu Khan	स्वयं	बाबू खान	
43	Gyan Singh	स्वयं / किराना	ज्ञान सिंह	132 kv. Kanchbel - Belkheda line.
44	Madhuri Sahu	कृषि	Madhuri Sahu	
45	Radhe Syam Lodhi	स्वयं / किराना	राधे श्याम	
46	Sita Ram	कृषि	सीताराम	132 kv. Khargone - Julwaniya DP line.
47	Manohar	स्वयं	मनोहर	
48	Lattu / Mangya	कृषि / किराना	लट्टू	
49	Ram Kumar	स्वयं	Ramkumar	132 kv. Khurai - Khimlasa line.
50	Bhai Narayan	कृषि / किराना	भाई नारायण	
51	Udham Singh	कृषि / किराना	उधम सिंह	

52	Jiwan Singh / Krishan Singh	कृषक	जीवन सिंह	132 kv. Kukshi-Alirajpur line.
53	Daryav Singh	कृषि	दरियाव सिंह	
54	Pratap Singh	खेती / कृषि	Pratap Singh	
55	Badan Singh	कृषक	Badan Singh	132 kv. Malanpur - Gohad line.
56	Arjun Singh	कृषक	अर्जुन सिंह	
57	Rajbeer Singh	कृषक	राजवीर सिंह	
58	Chhatar Singh	कृषक	Chhatar Singh	132 kv. Manawar - Kukshi line.
59	Babulal kushwaha	कृषक	बाबूलाल	
60	Radheshyam.	खेती / कृषि	राधेश्याम	
61	Ladefa Bai	कृषि	लाडफा बाई	132 kv. Mehgaon - Prakpura line
62	Rakesh Sharma	कृषक	राकेश शर्मा	
63	Vasudeo Mishra	व्यवसाय	Vasudev Sharma	
64	Anil Kumar Lodhi	कृषक	Anil	132 kv. Narsinghpur - Demagar line
65	Rajesh Patel	कृषक	राजेश पटेल	
66	Ramkumar Dubey	कृषक	राम दुबे	
67	Satyabati Rai	कृषक	Satyabati	132 kv. Narsinghpur - Karaikbel line.
68	Vishwa kuma Patel	खेती	विश्व कुमार	
69	Krishna Pal Singh	खेती	Krishna Pal	
70	Parma Ahirwar	कृषक	परमा अहिरवार	132 kv. Tikamgarh - Budhera line.
71	Tejram Ahirwar	कृषक	Tejram Singh	
72	Phoolchand Lodhi	कृषक	फूल चन्द	
73	Sanjay Tiwari	खेती	Sanjay Tiwari	132 kv. Udaipura - Silwani line.
74	Khurshid mohammad	कृषक	खुर्शीद मो	
75	Ilyas Mohammad.	कृषक	इलियास मोहम्मद	
76	Kanhaiyalal Kori	खेती / व्यवसाय	Kanhaiyalal	132 kv. Vidisha - Gairatganj line.
77	Mehtab Singh	खेती / कृषि	मेहताब सिंह	
78	Suresh Dangi	कृषक	सुरेश	

79	Navneet Ram Kushwaha	Student		
80	Changedal			220 kV. Asita - Dewas Chapda line.
81	Bapu Singh			
82	Anil Kumar.			
83	Uday Singh	Business		132 kV. Depalpur - Pithampur line.
84	Narayan Singh	Agri.		
85	Tejkumar Singh	Private job.		
86	Shobharam Bhilala			220 kV. Julwaniya - Kukshi DCDS line.
87	Bala Bhilala			
88	Heera Lal Bhilala			
89	Kanchaiya Lal Dangi			220 kV. Sujalpur - Narsinghgarh line.
90	Ramkunwar Bai			
91	Rajendra Singh			
92	Gopal [illegible]			400 Betul PGCIL Betul 220 Interconnector line.
93	Gangaram Bramhe			
94	Rajesh Lilhare			
95.	Gulab Lilhare			
96.	Sukhu Chandrawanshi			132 kV. Chhindwara -
97	Khemchand Karpati			

Annexure 2: Photographs of site visit and Consultation