



DEVELOPMENT PROGRAMME / SCHEME

UNDER PSDP AND

ASIAN DEVELOPMENT BANK



STG WORKS COMPLETED
DURING 2014-15 UNDER PSDP

STATUS OF SCHEMES FOR GRID STATIONS & TRANSMISSION LINES (COMPLETED 2014-15)

DISCRIPTION	WORLD BANK Program		Asian Development Bank		PSDP		TOTAL	
	No.	Amount (Rs. M)	No.	Amount (Rs. M)	No.	Amount (Rs. M)	No.	Amount (Rs. M)
Grid Stations	01	80.00	04	989.60	12	335.835	17	1,405.435
Transmission Line	00	00	04	---	05	267.830	08	267.830
TOTAL	01	80.00	08	989.60	17	603.665	24	1,673.265

STATUS OF SCHEMES FOR GRID STATIONS & TRANSMISSION LINES (ONGOING 2015-16)

DISCRIPTION	Asian Development Bank		PSDP		TOTAL	
	No.	Amount (Rs. M)	No.	Amount (Rs. M)	No.	Amount (Rs. M)
Grid Stations	23	2,154.50	21	1,512.46	44	3,666.96
Transmission Line	05	1,898.10	05	457.67	10	2,355.77
TOTAL	28	4,052.60	26	1,970.13	54	6,022.73



STG WORKS COMPLETED
DURING 2014-15 UNDER PSDP

PSDP WORKS COMPLETED (2014-15)



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
1	66 KV Kandiari (World Bank)	Conversion	80.00	07/2014	100%	Commissioned on 02.07.2014
2	132 KV Saeedabad	Extension with 10/13 MVA	37.91	08/2014	100%	Commissioned on 05.08.2014
3	132 Kv Kotri Site	Aug with 40 MVA	51.00	10/2014	100%	commissioned on 02-10-2014
4	132 KV Jhampir G/S	Line Bay For Nooriabad	13.89	10/2014	100%	Commissioned on 11-10-2014
5	132 KV Nooriabad G/S	Line Bay For Jhampir	12.05	10/2014	100%	Commissioned on 15-10-2014
6	132 KV GTPS Kotri (Rehab:)	Replaceme nt Of CB and Line CTs	5.714	10/2014	100%	commissioned on 16-10-2014
7	66KV Pithoro	Aug: with 10/13 MVA	15.88	12/2014	100%	Commissioned on 09-12-2014
8	132 KV Qazi Ahmed	Extension with 10/13 MVA	44.79	02/2015	100%	Commissioned on 04.02.2015

PSDP WORKS COMPLETED (2014-15)



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
9	132 KV Mir Pur Khas G/S	Extension with 1 No. Line Bay	13.46	02/2015	100%	Commissioned on 23.02.2015
10	132 KV Gulshan Shahbaz	Extension with 10/13 MVA	45.15	02/2015	100%	Commissioned on 24-02-2015
11	132KV Rajputana (Residential Flats)	6-D & 6-E type Flats	50.0	11/2014	100%	Work Completed
12	132KV G/S Nooriabad	Aug: with 20/26 MVA	29.751	03/2015	100%	Commissioned on 27.03.2015
13	132 KV Hala Road G/S	Extension with 1 No. Line Bay	16.24	04/2015	95%	Commissioned on 13.06.2015
14	2 nd Circuit Stringing at 132KV Nooriabad - Jhampir T/Line with Line Bays (WPP Work)	28.0 KM	48.76	10/2014	100%	Work completed on 27-10-2014

PSDP WORKS COMPLETED (2014-15)



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
15	In and Out arrangement for 132 kv Zurlu & FFC WPPs from 132 kv Jhampir-Nooriabad T/L	Installation of 04 Tower & ZM-60 tower with 2 No ZM-30 type Towers & Stringing 0.6 KM Greely conductor	19.14	10/2014	100%	Work completed on 27-10-2014
16	132 KV Thatta – Pir Patho T/Line (Rehab:)	Installation of 4 Nos Towers & 30.0 KM re-conductoring	48.67	12/2014	100%	Work completed on 26.12.2014
17	132 KV Thatta - Jhampir T/Line (Rehab:) WPP WORK	Installation of 05 Nos. ZM Towers.	12.83	02/2015	100%	Work completed on 02.01.2015
18	2 nd Circuit Stringing at 132KV Hala Road – M.P.Khas T/Line	67.0 KMs (238 Spans) Installation of 19 No Towers	138.43	06/2015	100%	Work completed on 13.06.2015

STG WORKS COMPLETED (ADB TRANCHE-II)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
1.	132KV Jacobabad (New) With Allied T/Line (0.5 KM)	1x10/13 MVA	201.70	08/2014	100%	Commissioned on 24-09-2014
2.	132 KV Sukkur City (Conversion) with Allied Transmission Line (7.00 KM)	2x20/26 MVA	305.30	6/2014	100%	Commissioned on 09-08-2014
3.	132 kV Larkana (Conversion) with Allied Transmission Line (1.97 KM)	2x20/26 MVA	305.30	09/2014	100%	Commissioned on 23-09-2014
4.	132 kV Talhar (Conversion) with Allied Transmission Line (0.9 KM)	1x20/26 MVA	177.30	07/2014	100%	Commissioned on 04-08-2014



STG WORKS 2015-16 UNDER PSDP
(ONGOING WORKS)

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
1	132KV Hala Road Grid Station (Ext)	L/Bay for M.P.Khas	12.0	08/2015	100%	Commissioned on 13.08.2015
2	132KV Grid Station Kohsar (Augmentation)	40 MVA P/Traf. in place of 26 MVA	42.739	12/2015	100%	Commissioned on 12.09.2015
3	132 kv New Grid Station Sheikh Bhirchio	1x10/13 MVA, 1-T/B 1-L/Bay	125.0	12/2015	75%	Construction of Boundary wall completed Civil work of CHB ; Equipment Foundation and Res Quarters completed Erection work is in progress Allocation of 10/13 MVA Power Transformer, Incoming panel, Transformer CTs, PTs, T.S assembly, AI: pipe is still awaited
4	132KV New Grid Station Khair Muhammad Bhurgri at Kot Ghulam Muhammad along with feeding T/Line	1x13 MVA T/Bay 2 L/Bay & 0.3 KM T/Line	131.672	06/2016	25%	<ul style="list-style-type: none"> • Civil work for construction of Boundary wall is under progress • Construction of control house building, Equipment foundation work is under progress • 2D & 4E type quarter and allied works is under progress.

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
5	132 KV New Grid Station Nr.Hyd Bypass along with feeding T/Line	1x2/40 MVA 132KV (15KM) T/Line	385.43	06/2016	-----	<ul style="list-style-type: none"> • Land has been finalized by sitting lay out board • The BOD has accorded the approval for purchase of Land • The possession of land has been taken Drawings awaited
6	132 KV New Grid Station Nr.River Bund along with feeding T/Line	1x2/40 MVA 132KV (2KM) T/Line	312.68	06/2016	-----	<ul style="list-style-type: none"> • Land yet to be finalized by sitting lay out board • The approval for purchase of Land Acquisition is under process
7	132 KV Grid Station Qazi Ahmed (Extension)	2- Line Bays	21.39	12/2015	95%	Civil work completed Erection work almost completed Protection wiring work completed The foundation of 3 Leg Circuit breaker constructed but 2 leg circuit breaker allocated, so new foundation to be constructed.

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completi on Schedule	Physical Progress	Remarks
8	132 Kv Grid Station Matiari (Ext)	10/13 MVA Tr. / Bay	32.07	12/2015	80%	Civil work completed. Erection Work is under progress Allocation of connectors Transformer CTs and AI: pipe is still awaited
9	132 kv Grid Station Chamber (Extension)	1 No Line Bay for Shaikh Bhirkio	12.00	12/2015	50%	Civil work of electrical equipment foundation completed. Erection work is in progress Allocation of 132KV Line CTs, AI: Conductor, all size of Control Cable etc awaited
10	132KV G/S Kotri site (Extension)	1x20/26 MVA T/Bay	40.0	06/2016	-----	<ul style="list-style-type: none"> • Main Estimate prepared and submitted for Approval • Drawings received from Design office
11	132KV G/S Sakrand (Extension)	1x10/13 1-T/Bay	45.94	12/2015	10%	Main Estimate approved Drawings awaited
12	132KV G/S Nawabshah-II (Extension)	1x10/13 1-T/Bay	34.65	12/2015	55%	Main Estimate approved Civil work of all foundation completed and Extension of switch room is in progress Allocation of power transformer and other material is still awaited

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completi on Schedule	Physical Progress	Remarks
13	132KV Grid Station Nooriabad (EXT)	1X10/13 1-T/Bay	29.348	12/2015	10%	Main Estimate approved
14	132KV G/Station Umar Kot (Extension)	10/13 MVA T/Bay	47.71	12/2015	85%	Main Estimate approved Drawings released Civil work almost completed Erection work in progress Allocation of 132 kv CTs ;Out going Panels;Indoor/Outdoor T/kits etc are awaited
15	132 kv Grid Station Samaro (Extension)	10/13 MVA T/Bay	34.02	01/2016	50%	Main Estimate approved Drawings released Civil work is under progress) Allocation of Transformer CTs, 11KV outgoing panel is still awaited
16	132KV Grid Station Kandiari (Extension)	10/13 MVA T/Bay	35.06	12/2015	50%	Main Estimate approved Drawings released Civil work is under Porogress Allocation of Power Transformer, Transformer CTs, outgoing panel is awaited
17	132KV G/Station T.M Khan (AUG)	20/26 MVA in place of 10/13 MVA	34.28	12/2015	10%	Main Estimate approved Allocation of material awaited

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completi on Schedule	Physical Progress	Remarks
18	132 KV Grid Station Old Jamshoro(AUG)	20/26 MVA in place of 10/13 MVA	34.81	10/2015	90%	Erection work completed The 20/26 MVA Power Transformer , shifted from 132 kv G/S NTPS is not functioning properly so 10/13 MVA Power Transformer was replaced. Re testing of P/Tr completed For Re commissioning the advise from Manager Kot Lakhpat Lahore is awaited
19	132KV G/Station Mir: Wah Gorchani (AUG)	20/26 MVA in place of 10/13 MVA	29.28	12/2015	10%	Main Estimate approved Allocation of material awaited
20	66KV Grid Station Mithi (AUG)	1X10/13 In place of 6.3 MVA	14.66	12/2015	10%	Estimate approved
21	132KV Grid Station Old Jamshoro (Rehabilitation)	Replaceme nt of Circuit breaker, CTs and Isolators	57.72	03/2016	55%	Estimate approved. Civil work completed Erection work is in progress Allocation of Material awaited

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
22	132kv Chamber – Shaikh Bhirkio T/Line (New)	25KM 90 Tower	140.00	12/2015	35%	Survey work completed The Revised Estimate approved Work order for foundation work Awarded 43 No. Foundation has been completed
23	132 KV Thatta – Sujawal T/Line (Rehab:)	Installation of 86 Nos. ZM Towers and 23 KMs Reconductoring	98.86	12/2015	15%	Work Order awarded Tower material has been allocated. Due to stagnant water for paddy crops and flood in the area work lying pending
24	132 KV T.M Khan Road – T.M Khan T/Line (2 nd ckt Stringing)	31.36 KM Installation of 4 Nos Towers	59.92	12/2015	15%	Allocated material (conductor) collected. Allocation of Disc insulators awaited The Disc insulator 25 No has been installed.

PSDP WORKS 2015-16



NO	Name Of the Project	Scope of Work	Total Cost (Rs, In Million)	Completion Schedule	Physical Progress	Remarks
25	132 KV T.M Khan – Matli T/Line (2nd ckt Stringing)	21.63 KM Installation of 03 Nos Towers	59.90	12/2015	15%	<ul style="list-style-type: none">• Main Estimate approved• Allocated material (conductor) collected• Allocation of Disc insulators awaited
26	132KV SDT Sanghar – Mirpurkhas T/Line (2 nd CKT Stringing)	62.30 KM	98.99	12/2015	10%	ACSR links conductor has been allocated and shifted and work awarded to the conductor on 28.08.2015



STG WORKS COMPLETED & ONGOING UNDER

ASIAN DEVELOPMENT BANK

**LOANS No. 2438-PAK (Tranche-1), 2727-PAK (Tranche-2),
2972-PAK (Tranche-3) & 3096-PAK (Tranche-4)**

HYDERABAD ELECTRIC SUPPLY COMPANY



HESCO

ADB Tranche-2

POWER DISTRIBUTION ENHANCEMENT INVESTMENT PROGRAM (PDEIP) ADB LOAN NO. 2727-PAK - TRANCHE-II



- Amount of Loan = USD 32.35 Million
- Amount of Loan (Revised) = USD 19.35 Million
- Project Agreement signed on = 28.01.2011
- Date of Effectiveness = 05.10.2011
- Approval date = 09.12.2010 by ECNEC
- Project Completion date = 30.09.2016
- Date of Loan Closing = 31.12.2016
- Status Contract Award = 07 (USD 20.159 Million)
- Loan Amount Disbursed = USD 9.044 Million
- No. of Sub-Projects = 07
- No. of Sub-Projects completed:= 01 No. New & 03 No. Conversion of Grid Stations has been completed.

Financial
46.73%

Physical
68.00%

STG WORKS (ADB TRANCHE-II)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
5.	New 132 KV Dadu-Mehar-Larkana Transmission Line	127.72 KM	943.00	30/06/2016	20%	<ul style="list-style-type: none">• Effective date 30-11-2014.• 10% advance payment has been paid.• 215 Towers foundation has been completed.• 5 Towers Pile foundation is completed.• Pre-shipment inspection of T/Line Hardware has been carried out & delivered.• Expected Completion 30.06.2016

STG WORKS (ADB TRANCHE-II)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
6.	2nd Circuit Shikarpur – Larkana Transmission Line (Lot-I)	65.10 KM	86.10	12/2015	25%	<ul style="list-style-type: none">• Conductor & Hardware received.
7.	2nd Circuit Sanghar – Mirpur Khas Transmission Line (Lot-II)	64.38 KM		12/2015	--	<ul style="list-style-type: none">• Stringing work of Lot-I has been started by the contractor & 22 KM stringing work has been completed.• Expected completion by 31-12-2015.

HYDERABAD ELECTRIC SUPPLY COMPANY



HESCO

ADB Tranche-3

POWER DISTRIBUTION ENHANCEMENT INVESTMENT PROGRAM (PDEIP) ADB LOAN NO. 2972-PAK - TRANCHE-III



- Amount of Loan = USD 24.50 Million
- Project Agreement signed on = 09.09.2013
- Date of Effectiveness = 10.12.2013
- Approval date = 28.08.2013 by ECNEC
- Project Completion date = 30.09.2017
- Date Of Loan Closing = 31.01.2018
- Status Contract Award = 2x Contracts Signed for 08 Sub-projects
- Loan Amount Disbursed = USD 0.895 Million
- No. of Sub-Projects = 13 Nos.
- Latest Progress: = 01x contract for 05 No. Sub-projects under approval with BoD HESCO.

Financial
4%

Physical
15%

STG WORKS (ADB TRANCHE-III)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
1-2	132 kV Matli (New) with Allied Transmission Line (2.00 KM)	1x20/26 MVA	230.00	Dec-2016	--	<ul style="list-style-type: none"> Contract signed with M/s Siemens on 29-09-2015.
3-4	Conversion of 66 kV Tando Ghulam Ali with Allied Transmission Line (30.00 KM)	1x20/26 MVA	945.00	Dec-2016	10%	<ul style="list-style-type: none"> Contract signed with M/s CCC-ETERN (JV) China on 07-11-2014. Designing work of Grid Station & Transmission Lines has been started. 10% advance payment has been made. Effective date 13-04-2015 Expected completion December-2016
5-6	Conversion of 66 kV Digri with Allied Transmission Line (31.00 KM)	1x20/26 MVA			10%	
7-8	Conversion of 66 kV Tando Jan Muhammad with Allied Transmission Line (20.00 KM)	1x20/26 MVA			10%	

STG WORKS (ADB TRANCHE-III)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
9	Extension of 132 KV Naukot	1x Line Bay	869.00	June-2017	--	<ul style="list-style-type: none"> • Tender opened on 25-06-2014 and no any bidder submitted the bid. • NOC for rebidding received from ADB. • Tender opened on 12-02-2015. • BER submitted to ADB on 03-08-2015 & No Objection received from ADB on 21.08.2015. • Item Note has been put up in 109th Bod meeting.
10	Extension of 220/132KV Hala Road	1x Line Bay			--	
11	Extension of 132KV Hala	1x Line Bay			--	
12	132KV T. Jan Muhammad - 132KV Noukot Transmission Line	30.00 KM			--	
13	220/132KV Hala Rd. – Hala Transmission Line	65.00 KM			--	

HYDERABAD ELECTRIC SUPPLY COMPANY



HESCO

ADB Tranche-4

POWER DISTRIBUTION ENHANCEMENT INVESTMENT PROGRAM (PDEIP) ADB LOAN NO. 3096-PAK - TRANCHE-IV



- Amount of Loan = USD 11.00 Million
- Project Agreement signed on = 30.04.2014
- Date of Effectiveness = 18.07.2014
- Approval date = 18.04.2014 by ECNEC
- Project Completion date = 30.06.2017
- Date Of Loan Closing = 31.12.2017
- Status Contract Award = Nil
- Loan Amount Disbursed = USD 0.0863 Million
- No. of Projects = 20 (USD 9.795 Million, 06 contracts)
- Latest Progress: = Bid Opened on 08 July, 2014
- 4x Contracts signed, 1x under approval with BoD HESCO.
- 1x lot revised BER sent to ADB for NOC.

Financial
0.78%

Physical
Tender under Evaluation

STG WORKS (ADB TRANCHE-IV)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
1.	Ext. of 132 KV Ghangramori	1x40 MVA	979.5	June-2017	--	<ul style="list-style-type: none"> • Tender was opened on 08-07-2014 and sent to CE Design NTDC Lahore for Evaluation. • Lot-I: No Objection received from ADB on 12.08.2015, Item note has been putup in 109th BOD meeting. • Lot-II: Contract has been signed with M/s Sieyuan Elec: Co. China on 18-05-2015 • Lot-III: Contract has been signed with M/s Sieyuan Elec: Co. China on 18-05-2015 • Lot-IV: Contract has been signed with M/s Siemens on 01.09.2015. • Lot-V: Contract Agreement signed with M/s Newage Lahore on 23-04-2015. • Lot-VI: Tender opened on 30-04-2015 &, BER submitted to ADB for No Objection on 31.08.2015.
2.	Ext. of 132 KV Qasim Abad-2	1x40 MVA			--	
3.	Aug. of 132 KV Kohsar	1x40 MVA			--	
4.	Aug. of 132 KV Kohsar	1x40 MVA			--	
5.	Aug. of 132 KV NTPS	1x40 MVA			--	
6.	Aug. of 132 KV Shahdad pur	1x40 MVA			--	
7.	Aug. of 132 KV Tando AllahYar	1x40 MVA			--	
8.	Aug. of 132 KV Tando Adam	1x40 MVA			--	

STG WORKS (ADB TRANCHE-IV)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
9.	Aug. of 132 KV Mirpur Khas	1x40 MVA	979.50	June-2017		<ul style="list-style-type: none"> • Tender was opened on 08-07-2014 and sent to CE Design NTDC Lahore for Evaluation. • Lot-I: No Objection received from ADB on 12.08.2015, Item note has been putup in 109th BOD Meeting. • Lot-II: Contract has been signed with M/s Sieyuan Elec: Co. China on 18-05-2015 • Lot-III: Contract has been signed with M/s Sieyuan Elec: Co. China on 18-05-2015 • Lot-IV: Contract has been signed with M/s Siemens on 01.09.2015. • Lot-V: Contract Agreement signed with M/s Newage Lahore on 23-04-2015. • Lot-VI: Tender opened on 30-04-2015 &, BER submitted to ADB for No Objection on 31.08.2015.
10.	Aug. of 132 KV Sanghar	1x40 MVA				
11.	Aug. of 132 KV Jamshoro	1x26 MVA			--	
12.	Aug. of 132 KV Jamshoro	1x26 MVA			--	
13.	Aug. of 132 KV Nawab Shah-2	1x26 MVA			--	
14.	Aug. of 132 KV Tando Jam	1x26 MVA			--	
15.	Aug. of 132 KV Tando M. Khan	1x26 MVA			--	

STG WORKS (ADB TRANCHE-IV)



NO.	Name Of the Project	Scope of Work	Total Cost (Rs. In Million)	Completion Schedule	Physical Progress	Remarks
16.	Ext. of 132 kV Gulshan-e-Shahbaz	1x13 MVA	979.50	June-2017	--	<ul style="list-style-type: none"> • Tender was opened on 08-07-2014 and sent to CE Design NTDC Lahore for Evaluation.
17.	Ext. of 132 kV Shalmani	1x13 MVA			--	<ul style="list-style-type: none"> • Lot-I: No Objection received from ADB on 12.08.2015, Item note has been putup in 109th BOD meeting.
18.	Ext. of 132 kV Shahpur Chakar	1x13 MVA			--	<ul style="list-style-type: none"> • Lot-II: Contract has been signed with M/s Sieyuan Elec: Co. China on 18-05-2015
19.	Ext. of 132 kV Umar Kot	1x13 MVA			--	<ul style="list-style-type: none"> • Lot-III: Contract has been signed with M/s Sieyuan Elec: Co. China on 18-05-2015
20.	Spare	1x40 MVA			--	<ul style="list-style-type: none"> • Lot-IV: Contract has been signed with M/s Siemens on 01.09.2015. • Lot-V: Contract Agreement signed with M/s Newage Lahore on 23-04-2015. • Lot-VI: Tender opened on 30-04-2015 &, BER submitted to ADB for No Objection on 31.08.2015.