

DEPARTMENT OF ELECTRICAL ENGINEERING INDUSTRIAL POWER LABORATORY-4

DISTRIBUTED ENERGY RESEARCH LAB

(Supported by DST-FIST)

List of Major Equipment:

Sl No.	Equipment	Cost (Lakhs)	Year of Procurement
1.	Hybrid Generator Wind (1kW 24V) with Solar Panel (2kW)	14.0	2010
2.	Three Phase FACTS Controller	12.15	2010
3.	IGBT Based Power Module (PEC16DSM01)	1.0	2010
4.	AC/DC Electronic Load (ProDigit)	4.0	2010
5.	Electronic Power source (Pacific)	6.0	2010
5.	Solar Panel Based STATCOM Controller (110 V,1 kVA)	11.0	2011
6.	Three Phase IPM Based Power Module (PKC 16DSMO1)	0.75	2011
7.	Wind Generator Based STATCOM Controller(110 V,1 kVA)	10.0	2011
8.	LABVIEW software(5 Licences)	11.0	2009
9.	NI-myDAQ	1.53	2013
10.	NI cRIO -9082	6.04	2014
11.	NI-PCI 6602	0.90	2014
12.	NI myRIO	1.20	2015
13.	Digital Storage Oscilloscope 500MHz 2.5GS/s (Tektronix DPO3054A)	4.03	2015

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