1.0 Provision of Bus and Line Reactors proposed by ERLDC.

In order to control and overcome high voltage problems in ER Grid, ERLDC has proposed to provide Bus/Line Reactors at the following locations:

(i) 1x125 MVAr Bus Reactor at Barh by NTPC

(ii) Installation of reactor(s) at 400kV system of WBSETCL**.**

a) 2x80 MVAR bus reactor at Purulia PSP

b) 1x80 MVAR switchable line reactor at Bidhannagar end for each ckt of 400kV PPSP-Bidhannagar line

c) 1x80 MVAR switchable line reactor at Arambach end for each ckt of 400kV PPSP-Arambagh.

Members may discuss and concur.

2.0 Review of Transmission Planning Criteria

2.1 The Enquiry Committee headed by Chairperson, CEA for grid events in July 2012 has recommended that transmission planning criteria needs to be reviewed in the context of market scenario within three months. In this regard, a note on the issues relating to "Review of Planning Criteria" has been prepared. . A copy of this note and the existing "Manual on Transmission Planning Criteria" are available on CEA website.

2.2 Members of the Standing Committee on Power System Planning of Eastern Region are requested to furnish their comments/ suggestions regarding review of transmission planning criteria to the undersigned along with a soft-copy mailed to *cea.sppa@yahoo.in.*

2.3 Members may give their views/observations in regard to review of Transmission Planning Criteria.

3.0 Integrated planning for State transmission system:

3.1 As per section 39 of the Electricity Act, STUs need to carry out their planning function related to intra-state transmission in coordination with the CEA and CTU. There have been a few instances in the past where, the STU has planned important transmission system or allowed connectivity to large generation capacities without involving CEA and CTU and this may result in congestion/operational difficulties for the ISTS/national grid. To start with, it is proposed that STU should evolve following of their systems involving CEA

and CTU, which would subsequently be firmed up through the Standing Committee forum:-

(a) 220 kV and above system

(b) Large scale harnessing of renewable generation

(c) System for evacuation of power from a complex having generation capacity of 250 MW and above in case of conventional and 50 MW and above in case of renewable.

4.0 Statewise assessment of the Load Generation Scenario of Eastern Region.

4.1 For the assessment of load generation scenario, all STUs of Eastern Region are requested to provide the seasonal load and generation data in prescribed format given below.

State:

LOAD

	2014-15	**2016-17**	**2019-20**
Summer Peak			
Summer Off- Peak			
Winter Peak			
Winter off- Peak			
Monsoon Peak			
Monsoon Off-Peak			

18th EPS Load			

State:

GENERATION

		2014-15		**2016-17**		**2019-20**	
		Installed Capacity	**Dispatch**	**Installed Capacity**	**Dispatch**	**Installed Capacity**	**Dispatch**
	Thermal						
	Hydro						
	Wind						
Summer Peak	Solar						
	Thermal						
	Hydro						
	Wind						
Summer Off- Peak	Solar						
	Thermal						
	Hydro						
	Wind						
Winter Peak	Solar						

	Thermal						
	Hydro						
	Wind						
Winter off- Peak	Solar						
	Thermal						
	Hydro						
	Wind						
Monsoon Peak	Solar						
	Thermal						
	Hydro						
	Wind						
Monsoon Off-Peak	Solar						

Maximum Export/Import requirement of State considering various contingencies:

	2014-15	2016-17	2019-20
Summer Peak			
Summer Off- Peak			
Winter Peak			
Winter off- Peak			
Monsoon Peak			
Monsoon Off-Peak			