

Proposal for Electricity Improvement



Electric Power Committee

Proposal for Electricity Improvement



Agenda

- 1. Current situation and prospect of electricity supply***
- 2. Negative Impact caused by Sudden Power Outage***
- 3. Conclusion***

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Agenda 1. Current situation and prospect of electricity supply



The review of the Meeting with TNTRANSCO by JCCIC in 16th July, 2013

	Name of project	Status	Capacity (MW)	Revised availability
1	Northern Chennai	Stage 2 Stage 3	2unit X 600 = 1200 1unit X 800 = 800	1200 MW (By SEP, 2013) 800MW (By DEC, 2017)
2	Mettur Thermal Power	Stage 3	1unit X 600 = 600	600MW (By AUG, 2013)
3	Vallur JV Project	n/a	3unit X 500 = 1500 (TN's Share 1125MW)	Unit 1: 375MW (By NOV, 2012) Unit 2: 375MW (By AUG, 2013) Unit 3: 375MW (By DEC, 2013)
4	Tuticorin JV Project	n/a	2unit X 500 = 1000 (TN's Share 387MW)	Unit 1: 194MW (By DEC, 2013) Unit 2: 193MW (By MAR, 2014)
5	Koodankulam Nuclear Project*	Stage 1	2 unit X 1000 = 2000 (TN's Share 925MW)	Unit 1: 463MW (By SEP, 2013) Unit 2: 462MW (By JAN, 2014)
			Total = 7,100MW	Total = 5,037MW/7,100MW in MAR 2014

Periodical Monitoring at Every Quarter to be continued !!

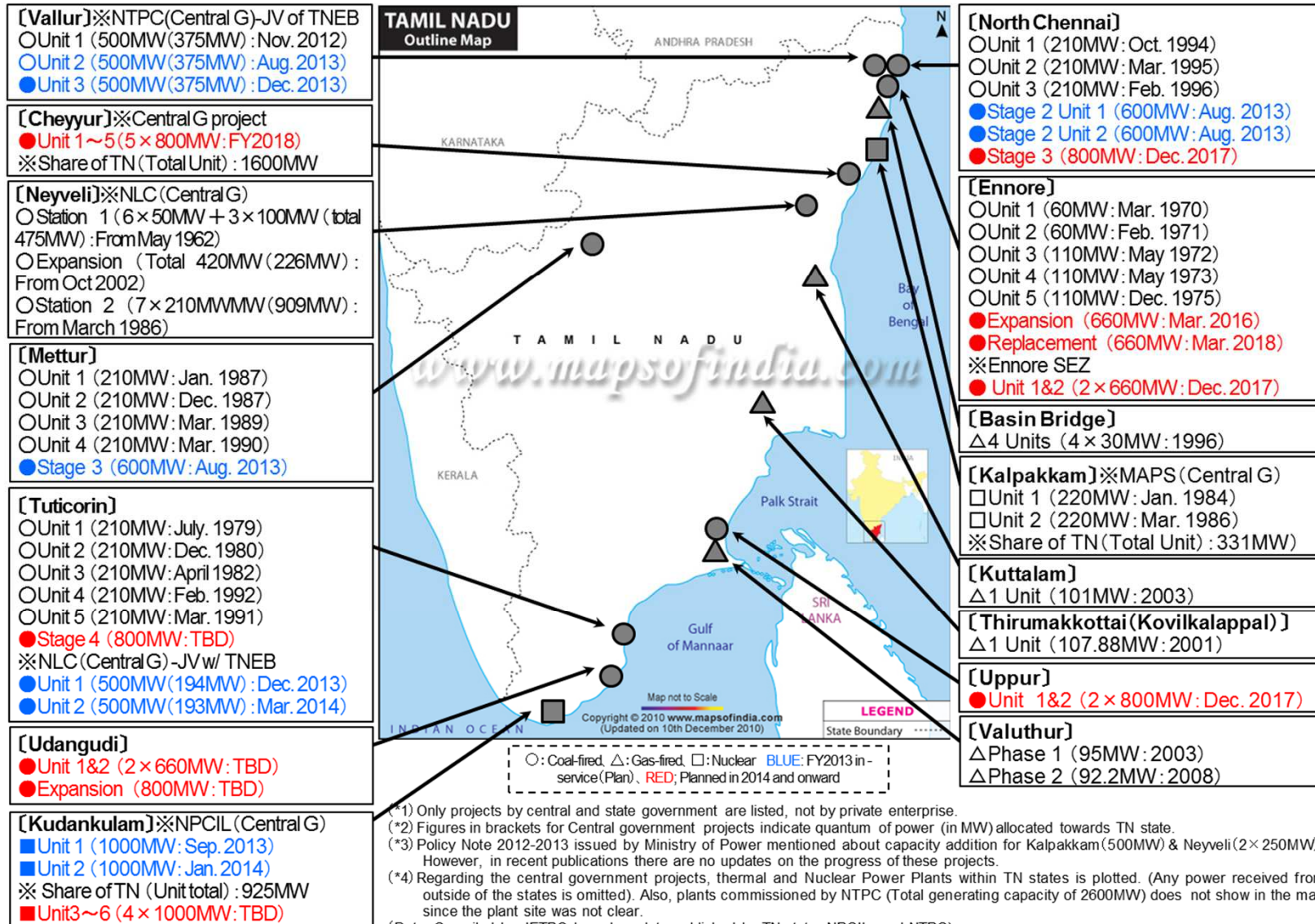
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Agenda 1. Current situation and prospect of electricity supply

JETRO

Thermal and Nuclear Power Plants Location Map

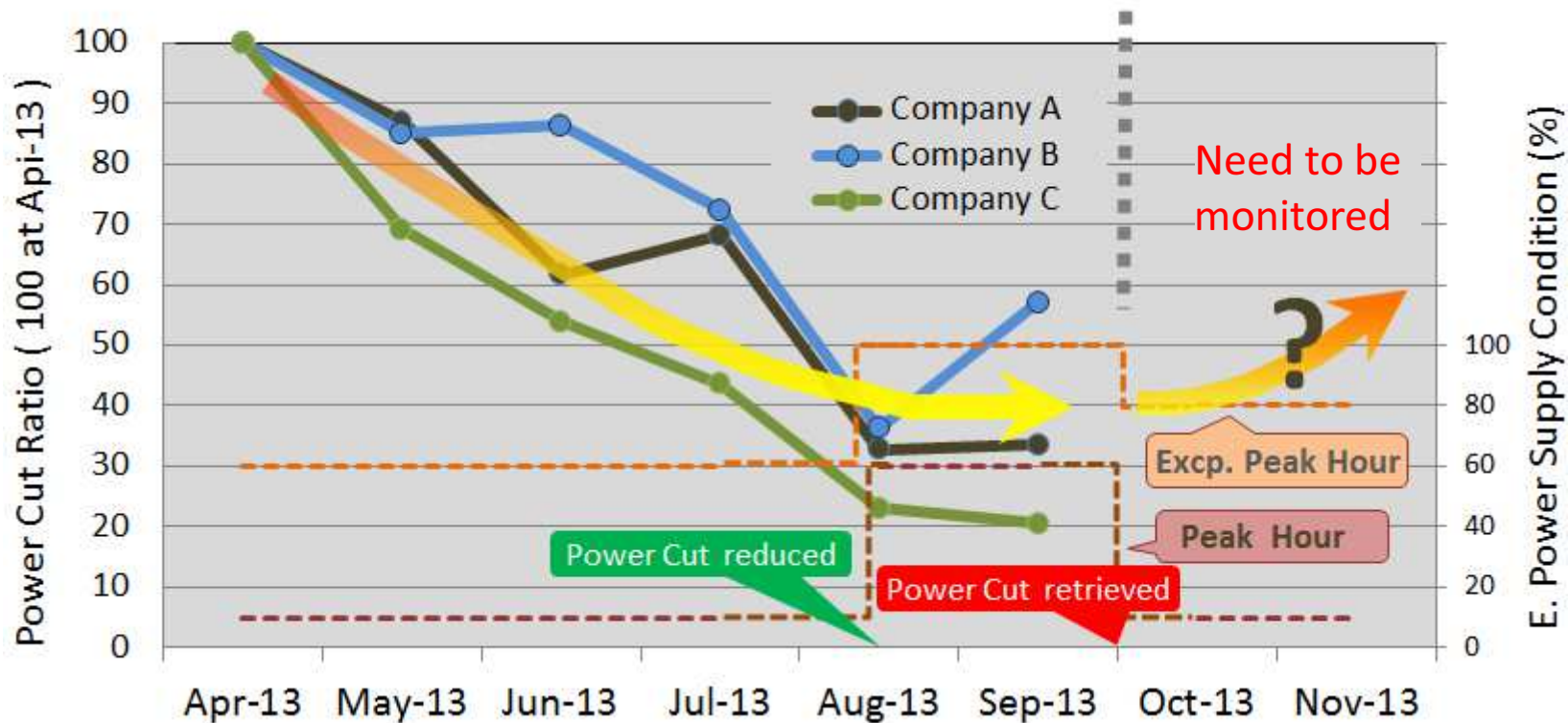
As of 4th Sep. 2013



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Agenda 2. Negative Impact caused by Sudden Power Outage

Graph 1) Trend of Power Cut

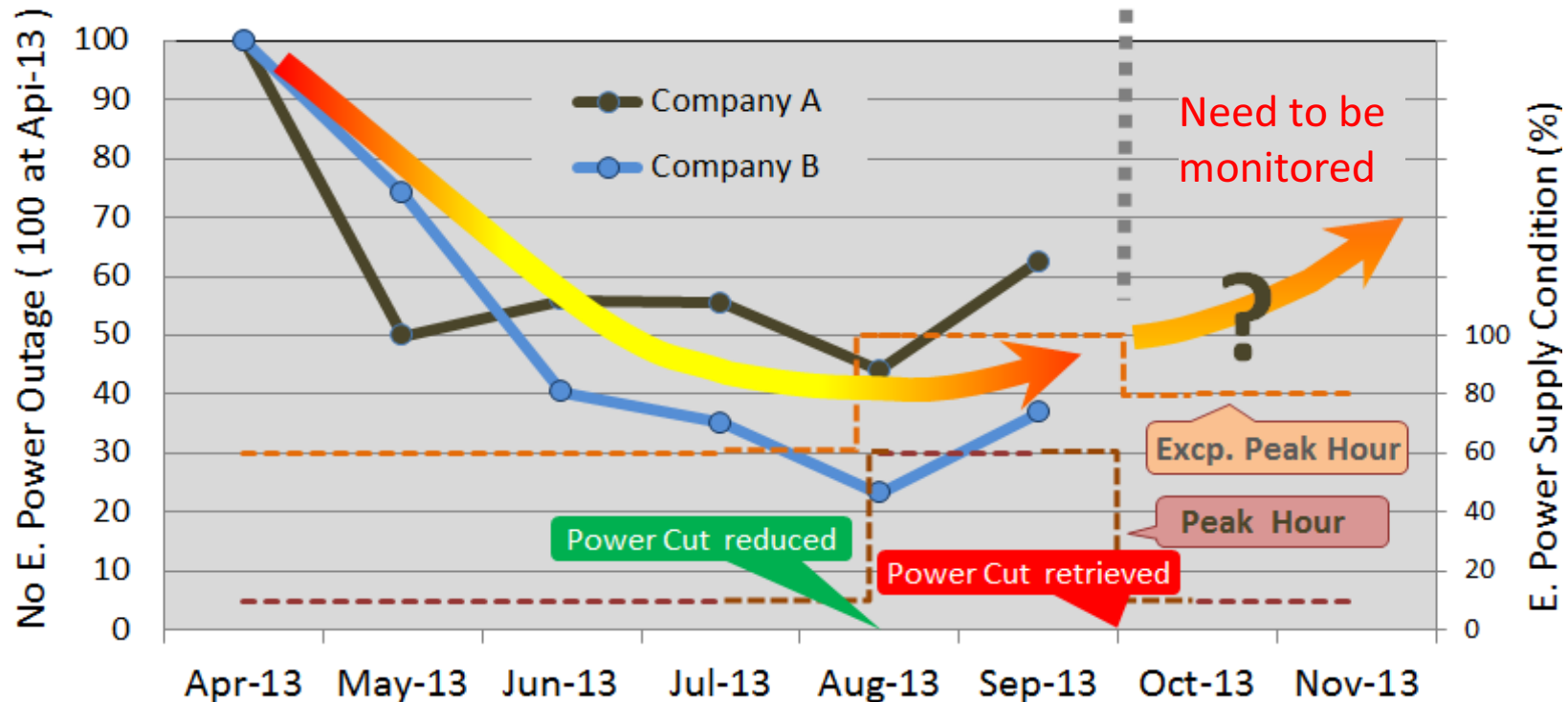


Condition of Power Cut was improved by 60% from April.
Need to be monitored the condition.

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Agenda 2. Negative Impact caused by Sudden Power Outage

Graph 2) Trend of Power Outage



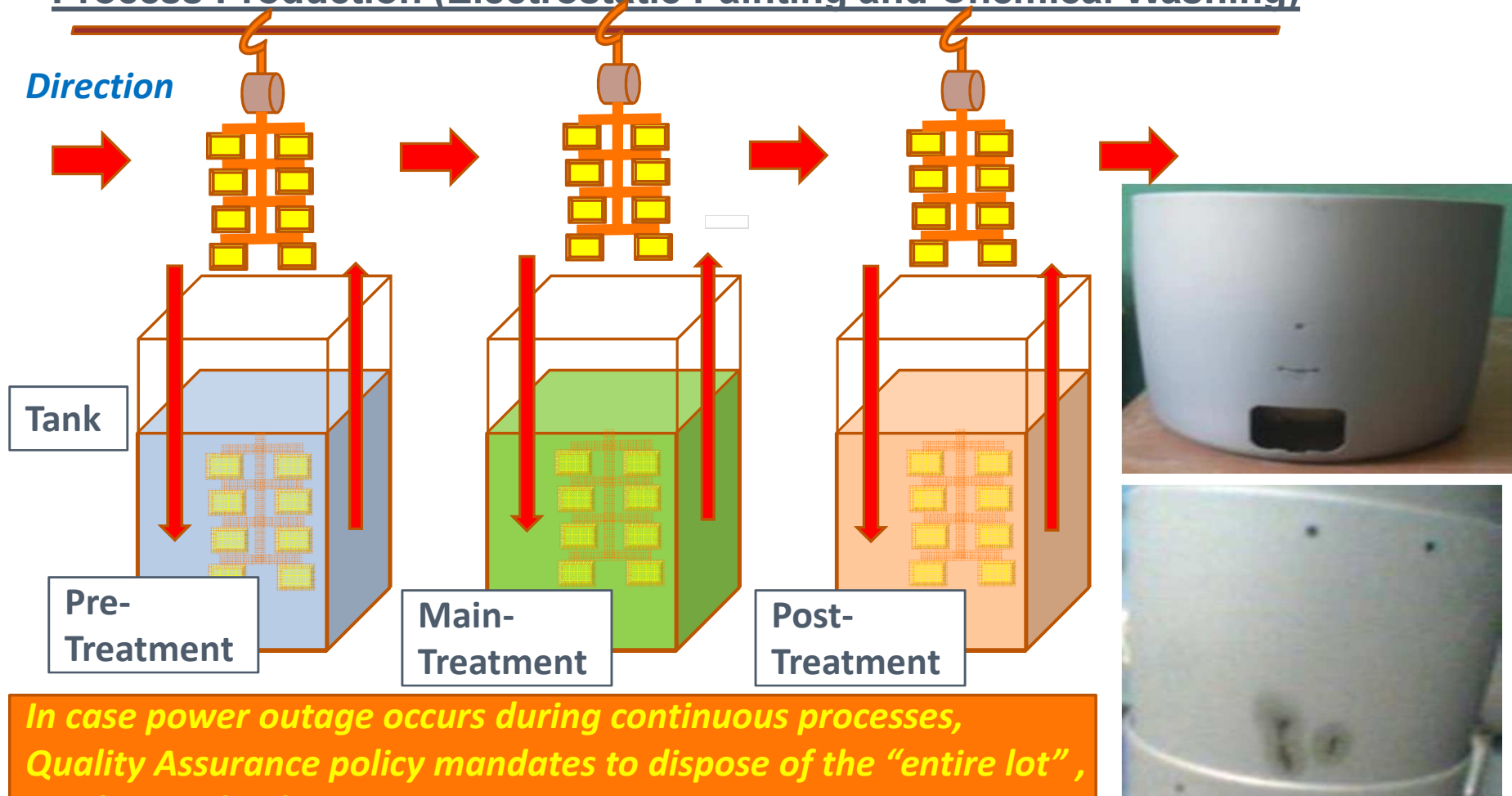
In August, Power Outrage was decreased by 60% from April.
But in September it shows the reverse trend.
Need to be monitored.

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Agenda 2. Negative Impact caused by Sudden Power Outage: Product Quality



Sample of Products Defect due to Power Outage in “Continuous Process Production (Electrostatic Painting and Chemical Washing)”



In case power outage occurs during continuous processes, Quality Assurance policy mandates to dispose of the “entire lot”, resulting in big losses.

Prior notification for unscheduled power cuts required!!

Defective Sample

Conclusion

1. Periodical Disclosure of Power Plant expansion and progress of construction

Knowing the current and future power availability is very important for planning any expansion or fresh investments into the state by companies. Therefore, JCCIC requests the State Government to share future generation plans and its progress on a quarterly basis with JCCIC.

2. Target to achieve “Zero unscheduled power cuts”.

We request Government of Tamil Nadu to take measures in order to achieve , what is called, “**Zero unscheduled power cuts**”. If unscheduled power cuts cannot be avoided due to some reason, we request the Government to inform the consumers at least 8 hours in advance, before implementing unscheduled power cut.