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இலங்கைப் பொதுப் பயன்பாடுகள் ஆணைக்குழு  
PUBLIC UTILITIES COMMISSION OF SRI LANKA



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உமது இல. }  
Your No. }

අපේ අංකය } PUC/LIC/2020/TL/04  
எமது இல. }  
Our No. }

දිනය } Aug 18, 2020  
திகதி }  
Date }

Authorized officer for Licensee: EL/T/09-002  
General Manager  
Ceylon Electricity Board  
3<sup>rd</sup> Floor, No 50  
Sir Chittampalam A Gardiner Mawatha  
Colombo 02.

Dear Sir,

**Risk of Rotational Load Shedding- August 18, 2020 onwards**

As per the Daily Generation Report on August 17, 2020 submitted by the System Control Center of CEB, 900 MW of Norachcholai Coal power plants are unavailable on August 18, 2020 and expected date for resume of operation is not identified.

The Commission carried out the annexed brief analysis to identify the risks to the electricity supply on August 18, 2020, considering the unavailability of 900 MW of Norachcholai Coal power plants. As per the analysis, the electricity supply is not sufficient to cater the forecasted demand and hence, load shedding is required during the night peak of August 18, 2020 (until the resumption of Norachcholai Power Plants).

As per Condition 30(10) of the Electricity Transmission and Bulk Supply Licence No. EL/T/09-002 issued to the Ceylon Electricity Board, "The Licensee shall obtain prior Approval of the Commission for every scheduled interruption of electricity supply throughout the Island/ or major part of the Island irrespective of the cause of the same, other than the interruptions necessary due to maintenance in respect of which prior notice is given to the general public. The Licensee shall also prepare a report on any event that resulted in unplanned interruption of electricity supply throughout the Island/ or major part of the Island including causes for the same, and submit to the Commission, within one month of such event or within a period Approved by the Commission"

Hence, if the Licensee is expecting to carry out load shedding from August 18, 2020 onwards, you are required to submit the planned load shedding programme for the approval of the Commission in terms of the said Condition 30 (10) of the Licence.

*Signed* Damitha Kumarasinghe  
Director General

Nalin Edirisinghe  
Director- Licensing

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28, ශාන්ත මයිකල් පාර, කොළඹ 03.

06 ஆவது மாடி, இலங்கை வங்கி வர்த்தகக் கோபுரம்,  
28, சென் மைக்கல் வீதி, கொழும்பு 03.

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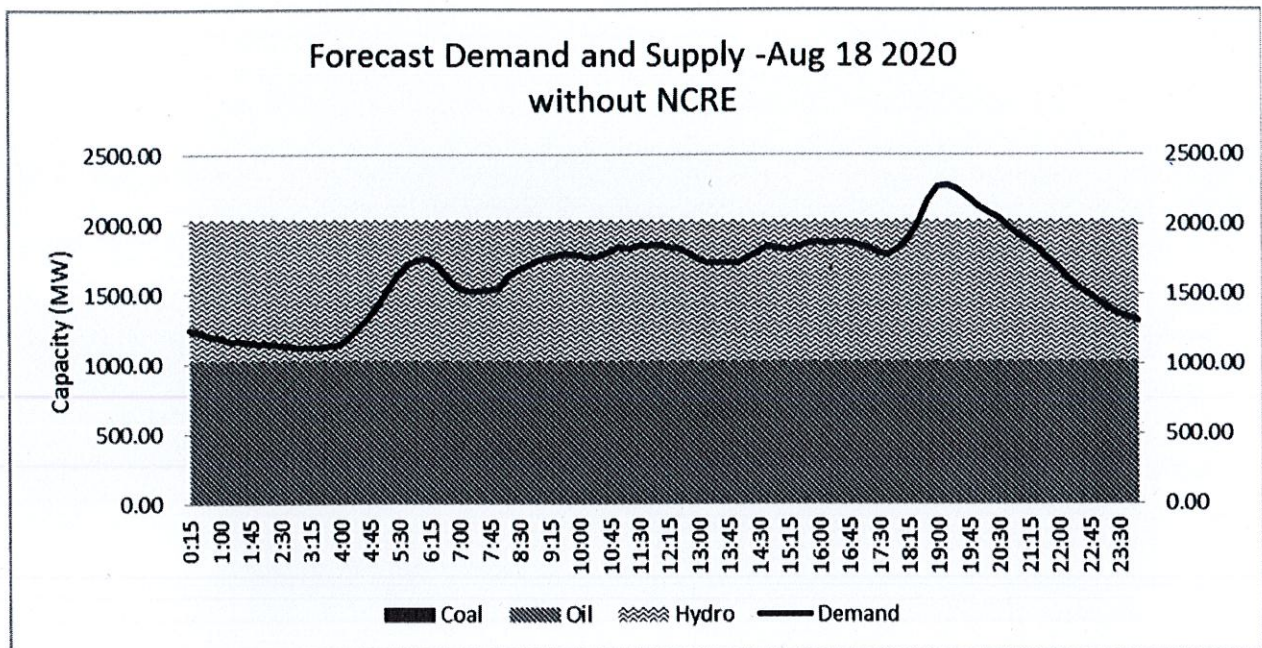
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Chairman }

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Director General }

## Annex : Risk of Electricity Supply- Aug 18, 2020 onwards



### Basis of Estimation

#### Demand

- Actual 15 min plant dispatch of Aug 13, 2020, excluding NCRE contribution is considered as the generation demand curve on Aug 18, 2020

#### Availability

- Thermal plant availability is based on actual availability at 6 am on Aug 18, 2020
- Hydro Plant availability is based on actual hydro contribution to night peak on Aug 17, 2020
- Availability of NCRE generation is not considered (same is excluded in the demand curve as well)

### Risks

- There is a capacity shortage of about 250 MW during the night peak
- Rotational load shedding is expected during the period 6.30 pm – 10.00 pm, each day until the Norachchulai power plants are available for generation.
- Load shedding may not be required during weekends due to the low demand
- Further, in case of loss/ capacity reduction of any thermal plant in the scale of 100MW, there is a risk of load shedding during daypeak hours.