



KERALA STATE ELECTRICITY BOARD LIMITED

(Incorporated under the Companies Act, 1956)

CIN: U40100KL2011SGC027424

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ABSTRACT

Approval for implementing KSERC order dated 23-3-2021 in OP 29/2020 - Sanction accorded - Orders issued.

Corporate Office (Commercial & Tariff)

B.O. (FTD)No . 398 /2021(KSEB/TRAC/CG/HINDALCO/2021-22

dtd. 26-5-2021

Read: 1. OP 29/2020: Petition filed by HINDALCO before KSERC

2. KSERC order dated 23-3-2021.

3. B.O. (FTD)No . 346 /2021(KSEB/TRAC/CG/OA Billing methodology/2021-22 dtd. 7-5-2021

4. Note No. TRAC/CG/ HINDALCO/2021-22 dated 14-5-2021 of the Deputy Chief Engineer (Commercial & Planning) with full powers of Chief Engineer (Agenda 34/5/2021).

ORDER

HINDALCO Industries Limited had filed a petition read as 1st above seeking order/direction/ clarification under Section 86 of the Electricity Act, 2003 that HINDALCO's newly installed 2 MW solar plant at Kalamassery is a separate unit and do not interfere with the existing 1MW plant (having REC facility) and banking facility may be allowed exclusively for the 2MW solar plant. The KSERC issued an order read as 2nd above on the matter which is extracted below.

"Order of the Commission

29. The Commission, after careful examination of the petition by M/s Hindalco Industries Limited, the arguments of the respondent KSEB Ltd, the remarks of the SLDC, Chief Electrical Inspectorate and ANERT, as per the provisions of the Electricity Act, 2003 and the various Regulations notified by the State and Central Commission related to renewable energy, hereby order the following.

(1) Allow the petitioner HINDALCO Industries Ltd, to maintain the 1 MW Solar plant with REC benefits and 2 MW Solar plant with banking facilities in the same premises as two separate Solar plants, subject to the safe and reliable working of the Programmable Logic Controller (PLC) based interlocking system installed by the petitioner, and also subjected to the other conditions specified under paragraph 22 of this order.

(2) As suggested by the petitioner HINDALCO Industries Ltd, and also as agreed by the SLDC Kerala, the SLDC shall adopt the 15minute energy accounting for the petitioner and similar open access consumers. However, the monthly bills of the petitioner and open access consumers shall be prepared for the accounted energy based on the ToD tariff on monthly basis as per the Tariff orders issued by the Commission from time to time."

As per the order of KSERC, HINDALCO Industries Ltd, is allowed to maintain the 1 MW Solar plant with REC benefits and 2 MW Solar plant with banking facilities in the same premises as two separate Solar plants, subject to the safe and reliable working of the Programmable Logic Controller (PLC) based interlocking system installed by M/s.HINDALCO, and also subject to the following:

a) It is the responsibility of M/s.HINDALCO to ensure the safe and reliable working of the PLC based interlocking facility throughout the life of the system. In order to ensure the same, a joint team of

- M/s.HINDALCO, Electrical Inspectorate and the licensee KSEB Ltd may periodically (at least once every year) visit the PLC based interlocking system and ascertain its reliable and safe working.
- b) M/s.HINDALCO shall ensure the safe and reliable working of the PLC based interlocking system during the entire life of the plant, so as to avoid the power flow from the 1 MW Solar Plant into the grid under any circumstances.
 - c) M/s.HINDALCO shall abide by the accounting procedure approved by the Commission.
 - d) KSERC in the said order has observed that as per the PLC based interlocking system installed by M/s.HINDALCO, there will not be any injection of energy from the 1MW plant into the grid under normal circumstances. Further, even if, deemed injection happen from the 1MW under any circumstances, M/s.HINDALCO vide their affidavit submitted that, they shall not claim banking for the energy injected into the grid from the 1MW plant. Hence, under normal circumstances, $X1=0$, as far as the banking of energy with KSEB Ltd is concerned, and hence the petitioner is also immune to the formulae suggested by KSEB Ltd for banking of power from the 2 MW plant is concerned. However, under extraordinary circumstances when the interlocking system become faulty and there is injection into the grid from both the 1MW and 2MW plants, the formulae suggested by the KSEB Ltd can be used for accounting the energy from the 2MW plant eligible for banking.
 - e) SLDC shall adopt the 15minute energy accounting for M/s.HINDALCO and similar open access consumers. However, the monthly bills of the petitioner and open access consumers shall be prepared for the accounted energy based on the ToD tariff on monthly basis as per the Tariff orders issued by the Commission from time to time.”

Earlier, KSEBL as per order read as 3rd above had issued an order on energy accounting of open access consumers wherein it was ordered that payment shall not be made for under drawal /deviation by open access consumers till new Regulations/orders regarding its payment is issued by KSERC and that the quantum of deviation shall be kept under suspense/separately. Further it was resolved to entrust Chief Engineer(IT & CR) to modify the 'Energize' software as above.

The Chief Engineer(Commercial & Planning) as per the note read as 4th above placed the matter before the Full Time Directors and reported that the order of KSERC on the petition of M/s.HINDALCO does not specify any payment on the under drawal/deviation by open access consumers. It was observed by KSERC in the order of M/s.HINDALCO that they shall not claim banking for the energy injected into the grid from the 1MW plant. It is therefore suggested that KSEBL may implement the order of KSERC dated 23-3-2021 in OP 29/2020 for energy accounting of HINDALCO. Also it is suggested that SLDC shall adopt the 15minute energy accounting for M/s.HINDALCO and similar open access consumers. However, the monthly bills of M/s.HINDALCO and open access consumers shall be prepared for the accounted energy based on the ToD tariff on monthly basis as per the Tariff orders issued by the Commission from time to time. As ordered by KSEBL as per order read 3rd above, no payment shall be made for under drawal /deviation by open access consumers till new Regulations/orders regarding its payment is issued by KSERC and that the quantum of deviation shall be kept under suspense/separately.


Having considered the matter in detail, the Full Time Directors in its meeting held on 17-5-2021,

1. Resolved to accord sanction to implement the order of KSERC dated 23-3-2021 in OP 29/2020.
2. Further resolved to authorize the Chief Engineer, Transmission South to co-ordinate with M/s.HINDALCO and Electrical Inspectorate to periodically (at least once every year) visit the PLC based interlocking system and ascertain its reliable and safe working.

3. Further resolved that the SLDC shall adopt the 15minute energy accounting for M/s.HINDALCO and similar open access consumers. The monthly bills of M/s.HINDALCO and open access consumers shall be prepared for the accounted energy based on the ToD tariff on monthly basis as per the Tariff orders issued by the Commission from time to time.
4. Further resolved to adopt the methodology as in B.O. (FTD)No . 346 /2021(KSEB/TRAC/CG/OA Billing methodology/2021-22 dtd. 7-5-2021 for under drawal /deviation by open access consumers.

Orders are issued accordingly.

By order of the Full Time Directors,


Lekha G.
Company Secretary I/C

To

1. The Chief Engineer, SO, Kalamassery.
2. The Chief Engineer (IT & CR)
3. The Chief Engineer, Transmission South
4. The Special Officer Revenue
5. The Deputy Secretary (Administration)

Copy to:

Company Secretary/Financial Advisor. / Deputy Chief Engineer (TRAC)/ Commercial
Stock file/Library

Forwarded by order


Asst: Exe.Engineer