

BEFORE THE KARNATAKA ELECTRICITY REGULATORY COMMISSION

No. 16 C-1, Miller Tank Bed Area, Vasanth Nagar, Bengaluru- 560 052

Dated: 4th September, 2018

Present:

Shri M.K. Shankaralinge Gowda .. Chairman
Shri H.D. Arun Kumar .. Member
Shri D.B. Manival Raju .. Member

OP No.68/2017

BETWEEN:

- 1) Chennamangathihalli Solar Power Project LL.P.,
BC 109, Davidson,
Camp: Belagavi – 590 001
[Represented by Shri Vinayak M. Puranik, Authorized Representative]

- 2) Shri G. Mahesha,
Chennamangathihalli kaval village,
Challakere Taluk, Chitradurga .. **PETITIONERS**
[Represented by Manmohan, P.N. Associates, Advocates]

[Note: Petitioner No.2 is impleaded, as per Order dated 26.10.2017 on his Application]

AND:

Bangalore Electricity Supply Company Limited,
K.R. Circle,
Bengaluru – 560 001.

[Represented by Justlaw, Advocates]

Karnataka Electricity Regulatory Commission,
Mahalaxmi Chambers,
6th & 7th Floors, M.G. Road,
Bengaluru – 560 001.

.. **RESPONDENTS**

[Note: Respondent-KERC is deleted, as per Memo dated 29.06.2017 of Petitioner No.1]

ORDERS

- 1) This Petition is filed under Section 86(1)(b) of the Electricity Act, 2003, seeking extension of time for the commercial operation of the Solar Power Project.

- 2) The issues that would arise for our consideration in the present Petition are, as follows:
 - (1) Whether the Petitioners have proved the *Force Majeure* Events, relied upon by them, to claim exclusion of the delayed period in commissioning of their Solar Power Project?

 - (2) Whether this Commission has jurisdiction to call upon the Petitioners to prove the *Force Majeure* Events, relied upon by them, by filing a Petition, urging the relevant grounds and producing proper evidence, for the scrutiny of the Commission, inspite of the Respondent admitting or not denying the occurrence of such *Force Majeure* Events?

 - (3) What should be the tariff for the Project, for the term of the PPA?

 - (4) What Order?

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- 3) The learned counsel for the 2nd Petitioner argued that, the Commission has no jurisdiction to call upon the Petitioners to file a Petition before it, for proving the *Force Majeure* Events. In support of his argument, the learned counsel for the 2nd Petitioner has relied upon the different clauses of the Power Purchase Agreement (PPA) dated 03.07.2015, entered into between the Petitioner and the Respondent [Bangalore Electricity Supply Company Limited (BESCOM)]. He has also relied upon different decisions in this regard. We shall first consider the jurisdictional issue.
- 4) For appreciating the jurisdictional issue raised by the learned counsel for the 2nd Petitioner, the following relevant clauses in the PPA and the material facts, may be noted:
- (a) The 2nd Petitioner, who is one of the farmers, was selected for developing a 3 MW Solar Power Project, on his land at Chennamangathihalli kaval Village, Challakere Taluk, Chitradurga District, and for selling the power generated by the Project to the Respondent (BESCOM), as per the Guidelines, issued for selecting the land owning farmers, under the State Solar Policy 2014-2021. In this regard, the 2nd Petitioner (Solar Project Developer / SPD) and the Respondent (BESCOM) have entered into a Power Purchase Agreement (PPA) dated 03.07.2015. The said PPA was approved by this Commission on 26.08.2015. The 1st Petitioner is a Special Purpose Vehicle (SPV), formed to establish and maintain the Solar Power Project in terms of Article 12.11 of the

PPA. The PPA provides that the Project shall be commissioned on or before 02.01.2017 i.e., 18 (eighteen) months from the date of the PPA.

(b) Article 5.1 of the PPA, which provides for the applicability of the tariff, reads thus:

"5.1 Tariff payable:

The SPD shall be entitled to receive the Tariff of Rs.8.40 (Rs. Eight Paise Forty only) per kWh based on the KERC tariff order S/03/1 dated 10.10.2013 in respect of SPD's solar PV projects in terms of the agreement for the period between COD and the Expiry Date. However, subject to Clause 2.5, if there is a delay in commissioning of the project beyond the Scheduled Commissioning Date and during such period there is a variation in the KERC Tariff, then the applicable Tariff for the projects shall be lower of the following:

- (i) Rs.8.40/- per kWh;*
- (ii) Varied tariff applicable as on the date of commercial operation."*

Article 2.5 of the PPA, which provides for the extension of time to perform its obligations, reads thus:

"2.5 Extensions of Time

2.5.1 *In the event that the SPD is prevented from performing its obligations under Clause 4.1 by the Scheduled Commissioning Date due to:*

- (a) Any BESCO Event of Default; or*
- (b) Force Majeure Events affecting BESOM; or*
- (c) Force Majeure Events affecting the SPD.*

2.5.2 *The Scheduled Commissioning Date and the Expiry Date shall be deferred, subject to the reasons and limits prescribed in Clause 2.5.1 and Clause 2.5.3 for a reasonable period but not less than 'day for day'*

basis, to permit the SPD or BESCO through the use of due diligence, to overcome the effects of the Force Majeure Events affecting the SPD or BESCO, or till such time such Event of Default is rectified by BESCO.

- 2.5.3** *In case of extension occurring due to reasons specified in clause 2.5.1(a), any of the dates specified therein can be extended, subject to the condition that the Scheduled Commissioning Date would not be extended by more than 6 (six) months.*
- 2.5.4** *In case of extension due to reasons specified in Article 2.5 (b) and (c), and if such Force Majeure Event continues even after a maximum period of 3 (three) months, any of the Parties may choose to terminate the Agreement as per the provisions of Article 9.*
- 2.5.5** *If the Parties have not agreed. Within 30 (thirty) days after the affected Party's performance has ceased to be affected by the relevant circumstance, on the time period by which the Scheduled Commissioning Date or the Expiry Date should be deferred by, any Party may raise the Dispute to be resolved in accordance with Article 10.*
- 2.5.6** *As a result of such extension, the Scheduled Commissioning Date and the Expiry Date newly determined date shall be deemed to be the Scheduled Commissioning Date and the Expiry Date for the purposes of this Agreement."*

Article 10.3, which provides for the dispute resolution, reads thus:

"10.3 Dispute Resolution:

- 10.3.1 *If any dispute is not settled amicably under clause 10.2, the same shall be referred by any of the parties to the KERC for dispute resolution in accordance with the provisions of the Electricity Act, 2003."*

- (c) The Petitioners were required to commission the Solar Power Project on or before 02.01.2017, to claim the tariff of Rs.8.40 per unit, for the energy supplied. If there was a delay in commissioning of the Project beyond 02.01.2017, the tariff applicable was the 'Varied Tariff', as determined by this Commission, prevailing as on the Commercial Operation Date (COD). However, in case, the Petitioners were prevented from commissioning the Project within the time, due to the *Force Majeure* Events affecting them, the commissioning date would be deferred for a reasonable period, required to overcome the effects of such *Force Majeure* Events. Article 2.5.5 of the PPA implies that, the Respondent (BESCOM) has discretion to agree on the time period by which, the commissioning date could be extended on the ground of the *Force Majeure* Events affecting the Petitioners. Article 2.5.6 of the PPA provides that, as a result of such extension of time, the commissioning date is deemed to have been extended.
- (d) The 2nd Petitioner submitted a letter dated 03.12.2016 to the Respondent (BESCOM), requesting for extension of time for commissioning of the Solar Power Project, by 6 (six) months stating that, there was an inordinate delay, in getting the approval of the Evacuation Line and the 11 kV Bay allotment and that there was a delay in granting of conversion of the 'Agricultural' land for 'Non-Agricultural' purposes. Thereafter, the Respondent (BESCOM) intimated, in the letter dated 31.03.2017 that the extension of time was allowed, for 6 (six) months, from the Schedule Commercial Operation Date (SCOD), for completion of the Solar Power Project in question, and that the

tariff applicable and the Liquidated Damages to be paid, if any, is subject to the KERC / GoK approval.

- (e) This Commission, by letter dated 16.03.2017, directed all the Electricity Supply Companies (ESCOMs), in the State, not to allow any extension of time, beyond the SCOD, without obtaining the prior permission of the Commission, in respect of the Solar Power Projects. Subsequently, this Commission, by letter dated 05.04.2017 directed all the ESCOMs to advise the SPDs / SPVs concerned of the Solar Power Projects, to file a Petition before this Commission, with all the relevant grounds and supporting documents, for seeking approval of any extension of the Commissioning Date granted by the ESCOMs. Thereafter, the 1st Petitioner has filed this Petition before this Commission.
- (f) The Plant was commissioned on 30.06.2017.
- 5) Upon Notice, the Respondent (BESCOM) appeared through its counsel and filed the Statement of Objections, but later withdrew the same.
- 6) The Petitioners submitted their arguments. The learned counsel for the Respondent (BESCOM) submitted that, it would not specifically object to the pleas raised by the Petitioners and that the Respondent (BESCOM) would abide by the Orders of this Commission. Therefore, the arguments of the

Respondent (BESCOM) were taken as 'concluded'. The written arguments were also filed on behalf of the Petitioners.

- 7) After considering the submissions of the Petitioners and the evidence on record, our findings on Issue No.(2) are, as follows:

- 8) **ISSUE No.(2):** *Whether this Commission has jurisdiction to call upon the Petitioners to prove the Force Majeure Events, relied upon by them, by filing a Petition, urging the relevant grounds and producing proper evidence, for the scrutiny of the Commission, inspite of the Respondent admitting or not denying the occurrence of such Force Majeure Events?*
 - (a) The learned counsel for the 2nd Petitioner submitted that, the arguments submitted in OP No. 65/2017, a connected case may be adopted in this case also. We have passed a reasoned Order and given our findings on the above Issue in OP No.65/2017 and held that, this Commission has the exclusive jurisdiction, to consider the validity of the extension of time, when it affects the tariff payable to a generating company, ultimately passed on to consumers. The same reasoning and findings would apply to this case also.

 - (b) Therefore, we answer issue No.(2), in the affirmative.

- 9) We shall now discuss Issue Nos.(1), (3) and (4) below.

10) **ISSUE No.(1):** *Whether the Petitioners have proved the Force Majeure Events, relied upon by them, to claim exclusion of the delayed period in commissioning of their Solar Power Project?*

(a) It would be useful to extract the relevant clauses of the PPA, before we deal with this issue:

“2.1 Conditions Precedent:

The obligations of BESCO and the SPD under this Agreement are conditional upon the occurrence of the following in full within 365 days from the effective date.

2.1.1 (i) *The SPD shall obtain all permits, clearances and approvals (whether statutory or otherwise) as required to execute and operate the Project (hereinafter referred to as “Approvals”):*

(ii) The Conditions Precedent required to be satisfied by the SPD shall be deemed to have been fulfilled when the SPD shall submit:

(a) The DPR to BESCO and achieve financial closure and provide a certificate to BESCO from the lead banker to this effect;

(b) All Consents, Clearances and Permits required for supply of power to BESCO as per the terms of this Agreement; and

(c) Power evacuation approval from Karnataka Power Transmission Company Limited or BESCO, as the case may be.

2.1.2 *SPD shall make all reasonable endeavors to satisfy the Conditions Precedent within the time stipulated and BESCO shall provide to the SPD all the reasonable cooperation as may be required to the SPD for satisfying the Conditions Precedent.*

2.1.3 The SPD shall notify BESCO in writing at least once a month on the progress made in satisfying the Conditions Precedent. The date, on which the SPD fulfills any of the Conditions Precedent pursuant to Clause 2.1.1, it shall promptly notify BESCO of the same.

2.2 Damages for delay by the SPD

2.2.1 In the event that the SPD does not fulfill any or all of the Conditions Precedent set forth in Clause 2.1 within the period of 365 days and the delay has not occurred for any reasons attributable to BESCO or due to Force Majeure, the SPD shall pay to BESCO damages in an amount calculated at the rate of 0.2% (zero point two per cent) of the Performance Security for each day's delay until the fulfillment of such Conditions Precedent, subject to a maximum period of 60 (Sixty) days. On expiry of the said 60 (Sixty) days, BESCO at its discretion may terminate this Agreement

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2.3.2 Appropriation of Performance Security

Upon occurrence of delay in commencement of supply of power to BESCO as provided in clause 2.5.7, or failure to meet the Conditions Precedent by the SPD, BESCO shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to encash and appropriate the relevant amounts from the Performance Security as Damages. Upon such encashment and appropriation from the Performance Security, the SPD shall, within 30 (thirty) days thereof, replenish, in case of partial appropriation, to its original level the Performance Security, and in case of appropriation of the entire Performance Security provide a fresh Performance Security, as the case may be, and the SPD shall, within the time so granted, replenish or furnish fresh Performance Security as aforesaid failing which BESCO shall be entitled to terminate this Agreement in accordance with Article 9."

“2.5 Extensions of Time

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2.5.7 Liquidated damages for delay in commencement of supply of power to BESCO. *Subject to the other provisions of this agreement, if the SPD is unable to commence supply of power to BESCO by the scheduled commissioning date, the SPD shall pay to BESCO, liquidated damages for the delay in such commencement of supply of power as follows:*

- (a) For the delay up to one month- amount equivalent to 20 % of the performance security.
- (b) For the delay of more than one month up to three months - amount equivalent to 40 % of the performance security.
- (c) For the delay of more than three months up to six months - amount equivalent to 100 % of the performance security.

For avoidance of doubt, in the event of failure to pay the above mentioned damages by the SPD, the BESCO entitled to encash the performance security.”

“8.3 Force Majeure Events:

(a) *Neither Party shall be responsible or liable for or deemed in breach hereof because of any delay or failure in the performance of its obligations hereunder (except for obligations to pay money due prior to occurrence of Force Majeure events under this Agreement) or failure to meet milestone dates due to any event or circumstance (a "Force Majeure Event") beyond the reasonable control of the Party affected by such delay or failure, including the occurrence of any of the following:*

- (i) *Acts of God;*
- (ii) *Typhoons, floods, lightning, cyclone, hurricane, drought, famine, epidemic, plague or other natural calamities;*
- (iii) *Strikes, work stoppages, work slowdowns or other labour dispute which affects a Party's ability to perform under this Agreement;*

- (iv) Acts of war (whether declared or undeclared), invasion or civil unrest;
- (v) Any requirement, action or omission to act pursuant to any judgment or order of any court or judicial authority in India (provided such requirement, action or omission to act is not due to the breach by the SPD or BESCO of any Law or any of their respective obligations under this Agreement);
- (vi) Inability despite complying with all legal requirements to obtain, renew or maintain required licenses or Legal Approvals;
- (vii) Fire, Earthquakes, explosions, accidents, landslides;
- (viii) Expropriation and/or compulsory acquisition of the Project in whole or in part;
- (ix) Chemical or radioactive contamination or ionizing radiation; or
- (x) Damage to or breakdown of transmission facilities of either Party;

(b) The availability of the above item (a) to excuse a Party's obligations under this Agreement due to a Force Majeure Event shall be subject to the following limitations and restrictions:

- (i) The non-performing Party gives the other Party written notice describing the particulars of the Force Majeure Event as soon as practicable after its occurrence;
- (ii) The suspension of performance is of no greater scope and of no longer duration than is required by the Force Majeure Event.
- (iii) The non-performing Party is able to resume performance of its obligations under this Agreement, it shall give the other Party written notice to that effect;
- (iv) The Force Majeure Event was not caused by the non-performing Party's negligent or intentional acts, errors or omissions, or by its negligence/failure to comply with any material Law, or by any material breach or default under this Agreement;
- (v) In no event shall a Force Majeure Event excuse the obligations of a Party that are required to be completely performed prior to the occurrence of a Force Majeure Event."

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- (b) We note that under the Article 2.5 of the PPA, extension of time for commissioning the Project can be granted, if the SPD is prevented from performing its obligations due to the BESCO's 'Event of Default' or the *Force Majeure* Events. It is the case of the Petitioners that, the Project was delayed, due to factors beyond their control and hence, the same have to be treated as the *Force Majeure* Events. The *Force Majeure* Events and the requirement of issuing a written Notice are mentioned in Article 8.3 of the PPA. Under the said clause, it is also necessary to prove that, the *Force Majeure* Event was not caused by the non-performing party's negligent or intentional acts, errors or omissions. In this backdrop, we need to examine, if the Petitioners, in any manner, were negligent in performing the obligations under the PPA and have complied with the requirements of Article 8.3 of the PPA.
- (c) The PPA is signed by the parties on 03.07.2015. As per Article 2.1 of the said PPA, the Conditions Precedent had to be achieved within 365 days from the date of signing of the PPA and as per Article 4.1, the Project had to be commissioned within 18 months from the date of signing of the PPA. The achievement of the Conditions Precedent would include obtaining of all the approvals by the SPD. The Petitioners claim that, the delay in handing over a copy of the PPA, after communication of the Commission's approval on 26.08.2015, the delay in grant of approvals for conversion of the land, approval for evacuation of the power, the CEIG approval have caused delay in implementing the Project. The recitals in the PPA, would reveal that,

the parties have signed the PPA and the copies of the same were delivered on the date of execution of the PPA. A signed copy of the PPA would be sufficient to proceed with the preliminary works for implementation of the Project. The approval of the PPA, by the Commission, has no bearing on the initial obligations of the SPD, such as, applying for approvals, loans, etc. The Petitioner has not produced any documents to show that, any of its applications for approval, loans, etc., was rejected or delayed on this count. Therefore, we are unable to accept that, the time taken for approval of the PPA is a *Force Majeure* Event, causing delay in the commissioning of the Project. The provisions of the PPA do not provide for exclusion of the time taken for approval of the PPA in counting the period available for commissioning the Project. Hence, the time taken in the regulatory process, for approval of the PPA, cannot be termed as 'delay'. In any case, as noted earlier, it is not shown that, the absence of the approved PPA prevented the SPD from taking any step/action to implement the Project.

- (d) The SPD had applied for conversion of the land on 16.02.2016, after a lapse of more than seven months from the Effective Date of the PPA. The explanation given for this delay, on the part of the SPD is that, certain documents, like encumbrance certificate, RTC, 7 & 7A certificates, Mutation, Akarband, PT sheet in respect of the land, had to be obtained from the various authorities and even though a request was made to the concerned authorities on 01.08.2015 (as mentioned in the Memo dated 27.03.2018), the

same were given in August, 2015, March, 2016 and June, 2016, with a delay of 326 days. The 1st Petitioner has produced the copies of the said documents on 29.08.2017. But, the Petitioner has not produced the copies of the applications, filed before the concerned authorities, to prove the dates of filing of the applications. On a close scrutiny of the documents, it is found that, the applications for the documents were made on different dates, but not on 01.08.2015, as mentioned in the Memo dated 27.03.2018 and the documents were issued on the date of the application or within a few days of the application, as could be seen from the dates mentioned in the documents by the concerned authorities. Therefore, the allegation that, there was a delay by the authorities to provide the documents, sought for by the Petitioner, cannot be accepted. Consequently, the explanation that, the delay caused by the authorities, in providing the above documents, resulted in the delay, in applying for the land conversion, before the Deputy Commissioner, cannot be accepted. The land conversion charges were paid by the 2nd Petitioner on 22.09.2016. The land conversion Order was passed by the Deputy Commissioner, Chitradurga, on 29.09.2016, in seven months, from the date of application and within seven days, after the receipt of the conversion charges. Hence, we are unable to accept the contention of the Petitioners that, there was a delay in granting of the approval for conversion of the land, which affected the Project implementation. In fact, there is a delay, on the part of the SPD, in applying for the conversion of land, and we note that, the 1st Petitioner has failed to produce the correct

information about the dates, before the Commission and in fact, tried to mislead us, as stated above.

- (e) It is stated by the 1st Petitioner that, the SPV was formed and the Project was assigned to the SPV, on 04.02.2016. That, a Supplemental PPA (SPPA) was executed between the parties on 02.12.2016 and sent to the Commission for approval and is pending for approval by the Commission. It is stated that, the delay in the land conversion Order, has caused delay in disbursement of the loan. It is mentioned in the Memo filed on 29.08.2017 and Written arguments filed on 9.11.2017 that, inspite of the delay in the conversion Order and obtaining of loan, the Petitioner started the procurement process from 01.07.2016 from its own funds and commenced the civil and land development works, from 22.09.2015, infusing its capital, without waiting for the bank to release the fund. Therefore, it can be stated that, the time taken for obtaining the land conversion Order or the approval of SPPA, has not affected the Project implementation.
- (f) The 2nd Petitioner applied for the evacuation approval, to the KPTCL on 15.02.2016, after more than seven months, from the date of the PPA. No explanation is given for this delay, by the Petitioner. The intimation to pay the processing fee, was issued to the Petitioner on 25.02.2016 and the same was paid on 10.03.2016. The tentative evacuation approval was granted on 13.05.2016. The Petitioner accepted the conditions in the tentative evacuation approval on 25.05.2016. The regular evacuation approval was

granted on 22.08.2016. The Petitioner has alleged that, the KPTCL caused a delay of about seven months in granting the evacuation approval. The KPTCL has not been arrayed as a Respondent. It cannot be made out, as to what corresponded between the parties, after accepting the terms of tentative evacuation approval. Therefore, the Petitioner has not proved, beyond doubt, that the delay was solely attributable to the KPTCL. When a time line of 365 days is provided in the PPA, for getting all approvals, the delay by the Petitioner, in applying for such approvals and in performing other acts necessary, on its part and thereafter, attributing the delay to the authorities, cannot be accepted.

- (g) We note that, it was the obligation, on the part of the Petitioner, to acquire land for the terminal bay near the sub-station, as per the evacuation approval. However, the KPTCL, vide Evacuation approval dated 22.08.2016, has intimated to the Petitioner to pay certain lease charges and spared the land at the Sub-station for setting up of a 11 kV terminal bay, with metering arrangement, for evacuation of power, acceding to the request of the Petitioner and thus, facilitated the implementation of the Project. It could, therefore, be inferred that, early acquisition of the land by the Petitioner would have hastened the process of creation of the evacuation facility.
- (h) It is also the allegation of the Petitioner that, the delay in approval of bay drawings, by the Respondent, caused delay in delivery of the Breaker by the MEI, by more than three months, from the date of placing the Order. It is

stated that, the bay estimate intimation was received on 17.12.2016 and the charges were paid on 24.12.2016. In the meanwhile, the quotation from the MEI was received on 29.10.2016 and the Purchase Order for the breaker was placed on 05.11.2016, but the same was delivered on 15.03.2017, after payment of the necessary charges. It is stated that, the usual period of delivery is 10 to 12 weeks, from the date of Purchase Order. It is stated that, the breakers have to be tailor-made, based on the drawing submitted, tested and certified by the TAQC and thereafter, despatched. It is stated in Paragraph-12 of the Written submissions, filed on 06.02.2018, that the drawings were approved on 12.12.2016 and the Petitioner could not approach the MEI, earlier to this date. That, however, as the COD was fast approaching, the Petitioner, in order to reduce the time gap, placed necessary Order with the MEI, without waiting for formal approval of drawings. Therefore, it can be stated that, the approval of drawings by the KPTCL/BESCOM, did not delay the Project. It is also stated that, the normal time taken for supply of breaker is 10-12 weeks. Considering the various steps involved, after placing the Order, as mentioned in Written arguments dated 09.11.2017, the period, from 05.11.2016 to 15.03.2017, cannot be termed as 'delay'.

- (j) It is also alleged that, the inspection of the Project by the CEIG and the grant of the safety approval, were delayed from 19.05.2017 to 28.06.2017. The CEIG is not made a party to the Petition. The various steps involved in

granting the approval, date-wise, are mentioned in the written arguments, filed by the Petitioner on 09.11.2017, as follows:

"In between procurement of breaker and its receipt, there is another procedure to be followed is obtaining the CIEG approval as under. Such approval cannot be sought in advance:

CEIG Approval	
Drawings submitted by us	5/Dec/2016
Approval received for drawings	3/Jan/2017
Submission of completion report with B1 test certificates by us.	19/May/2017
Details for delay between submission of B1 report CEIG visited on 10.6.2017 and given Observation letter on 13.6.2017. Compliance submitted on 16.06.2017 by us, issued letter to DCEI Chitradurga for verification on 19.06.2017, DCEI visited site on 25.06.2017, recommended for safety approval on 27.06.2017.	
Issued Plant Safety Approval for commissioning the Project.	28/June/2017
Plant commissioned.	30/June/2017

The above delay is solely attributable to CIEG approving authority and beyond the control of the Petitioner. This is despite knowing the fact that the project is in advance stage and that any further delay will jeopardise the project."

We do not find any delay, in the grant of approval, considering the sequence of dates mentioned by the Petitioner and note that, there is no

explanation for the belated submission of the drawings/completion report by the Petitioner.

- (k) The Project was commissioned on 30.06.2017, after the grant of the safety approval.

- (l) It is a settled law that, the *Force Majeure* clause in the PPA has to be strictly interpreted. No notice, as contemplated under the clause, is stated to have been issued by the Petitioner to the Respondent. None of the reasons or events, cited by the Petitioner for the delay in commissioning of its Project, falls under *Force Majeure* Events, mentioned in the PPA, as held in the preceding paragraphs. Hence, we consider that, the Petitioner is not entitled to extension of time, as provided in the clauses of the PPA. Consequently, the Petitioner would be liable for payment of the Liquidated Damages, as per Article 2.5.7 of the PPA.

- (m) We have held that, the Petitioner is not entitled to the extension of time to commission the Project. Admittedly, the SPD/Petitioner has not achieved the Conditions Precedent, within the specified time, as required under Article 2.1 of the PPA. The actual dates, on which they were achieved, have not been furnished. For the same reason, as applicable to rejection of the Petitioner's claim for extension of time for achieving SCOD, any claim of the Petitioner for extension of time for achieving Conditions Precedent, is liable to be rejected. Thus, we hold that, for not complying with the timelines, as

mentioned in the PPA, for Conditions Precedent and commissioning of the Project, the Petitioner is required to pay damages for such delay, as per Articles 2.2 and 2.5.7 of the PPA.

(n) The Hon'ble Supreme Court of India, in Civil Appeal No. 3600 of 2018 (*M.P.Power Management Company Ltd. Vs Renew Clean Energy Pvt. Ltd., and another*), decided on 05.04.2018, has held that for the delay in achieving the Conditions Precedent and commissioning the Project, the generating company is liable to pay damages, as stipulated in the PPA.

(p) Therefore, we answer Issue No.(1), in the negative.

11) **ISSUE No.(3):** *What should be the tariff for the Project, for the term of the PPA?*

(a) Article 5.1 of the PPA, extracted earlier, provides for reduction of tariff, as a consequence of delay in commissioning of the Solar Power Project, beyond the Scheduled Commissioning Date, subject to certain terms and conditions stated, therein. This is in view of the fact that, this Commission periodically determines generic tariff for supply of electricity generated from various sources, to the Distribution Licensees, based on, among other parameters, mainly the Capital Cost of the generating plant. Such generic tariff is made available for a period normally longer than a year called as 'Control Period', during which the generating plants get implemented and commissioned at the normative Capital Cost, adopted in the Generic Tariff Order, generally

after execution of a PPA with a Distribution Licensee. Such PPA also has a clause, stipulating the time, within which the power supply should commence, so that the Distribution licensee can plan further supply of energy to its consumers. The time ordinarily required to complete the various pre-commissioning activities, which in respect of megawatt scale Solar Power Plants is taken as, between 12 months to 18 months. Any delay or failure, in the commencement of the power supply, within the agreed date, would disrupt the operation of the Distribution Licensees, like the Respondent, which could also result in their power procurement from the alternative expensive sources, leading to a higher retail tariff to the consumers or short supply of power, leading to revenue loss to them and even to imposition of penalties for not meeting the Renewable Purchase Obligation (RPO), fixed by this Commission. The Capital Cost of the Solar Power Plants has been coming down very rapidly, in the recent years because of the advancement in technology and production efficiency, as well as the economies of scale, in the backdrop of the largescale Solar capacity addition, across the globe. Thus, the generic tariff for megawatt scale Solar Power Plants, which was fixed at Rs.14.50 per unit in the Commission's Order dated 13.07.2010, has been successively reduced to Rs.8.40 per unit in the Order dated 10.10.2013, Rs.6.51 per unit in the Order dated 30.07.2015, then to Rs.4.36 per unit in the Order dated 12.04.2017 and Rs.3.05 per unit in the Order dated 18.05.2018.

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- (b) The Petitioner could not commission the Project, for certain reasons and events, which we have held to be not falling under the *Force Majeure* clause in the PPA, that could have entitled the Petitioner to seek extension of the commissioning date, agreed to, in the PPA.
- (c) It is stated in the written arguments filed by 1st Petitioner on 09.11.2017, that the 2nd Petitioner was looking for an investor and, thereafter, the SPV was formed with the 2nd Petitioner on 04.02.2016. It is also mentioned, in the Petition in Paragraph 9 that, the Deed of Assignment was signed on 04.05.2016. It is mentioned in Paragraph-11 of the Petition, that after signing the deed of assignment, the 1st Petitioner started the Project development work on the site, which includes land levelling, fencing, obtaining of the necessary approvals and sanctions such as, conversion of the land, evacuation line and loan sanctions. In the Written arguments dated 09.11.2017, it is stated that, the Purchase Order for construction of the 11 kV transmission line was made on 01.07.2016. The Agreement for purchase of Solar modules was entered into on 09.09.2016, the Purchase Order for MMS was made on 14.10.2016, the Purchase Order for inverter was made on 08.10.2016, the Purchase Order for transformer was made on 03.11.2016, the Purchase Order for breaker was made on 05.11.2016 and for the cables on 10.11.2016. The panels would have been procured much later. Therefore, it can be stated that, the normative Capital Cost of the Solar Power Plants, when the Petitioner took effective steps to procure the capital equipment for its Project, was lower than the normative cost of the Solar Power Plants,

assumed in the Generic Tariff Order dated 10.10.2013. Thus, the Petitioners are not entitled to the tariff, as per the Generic Tariff Order dated 10.10.2013 originally agreed to in the PPA, when admittedly, the Solar Power Plant was not commissioned, within the stipulated time and it is entitled only for the revised tariff, as on the date of commissioning of the Plant, as per Article 5.1 of the PPA. The Petitioners having voluntarily entered into a PPA, which has a clause providing for revision of the tariff agreed to, if there is a delay in commissioning of the Project, cannot now wriggle out of such a clause, without valid grounds. As per the terms of the PPA, the tariff payable to the SPD/Petitioner is not based on the Capital Cost, incurred by the SPD/Petitioner in the Project implementation, but the tariff is as per the relevant clauses of the PPA.

- (d) Article 5.1 of the PPA provides that, the tariff, as on the date of commercial operation, would be applicable for the Project. Article 2.5.7 of the PPA provides for payment of damages, if the commencement of supply of power is not made by the Scheduled Commercial Operation Date (SCOD). The Project is commissioned on 30.06.2017
- (e) Hence, in the circumstances and on the facts of the case, we hold that, the Petitioners' Plant is entitled to a tariff of Rs.4.36 per unit for the term of the PPA, as per the Generic Tariff Order dated 12.04.2017.
- (e) Accordingly, we answer Issue No.(3), as above.

12) **ISSUE No.(4):** What Order?

For the foregoing reasons, we pass the following:

ORDER

- (a) It is declared that the Petitioners are not entitled to any of the reliefs, sought for, in the Petition;
- (b) The Petitioners are entitled to a tariff of Rs.4.36 (Rupees Four and Paise-Thirty Six) only per unit, the varied tariff as applicable on the date of commissioning of the Petitioners' plant, as fixed by the Commission in the Order dated 12.04.2017, for the term of the PPA, as per Article 5.1 of the PPA; and,
- (c) The Petitioners are also liable to pay damages, including Liquidated Damages, as provided under Articles 2.2 and 2.5.7 of the PPA.
- (d) Office is directed to process the SPPA dated 02.12.2016 for approval of the Commission.

Sd/-

(M.K. SHANKARALINGE GOWDA)
CHAIRMAN

Sd/-

(H.D. ARUN KUMAR)
MEMBER

Sd/-

(D.B. MANIVAL RAJU)
MEMBER