



JSW/PSP-BHAVALI/FC/2026-27/001
Dated- 02/04/2026

To,
The Deputy Conservator of Forests
Shahapur Division,
District Thane, Maharashtra

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of JSW Energy PSP Two Limited for non-forestry use of 243.74ha. (Shahapur Division 181.45 ha and West Nasik Division 62.29 Ha) of forest land (reserved forest, protected forest and private forest) for Bhavali Pumped Storage Project (1500 MW) in Thane & Nasik District in the State of Maharashtra (Online proposal No. FP/MH/HYD/153240/2022)– **regarding submission of EDS compliance issued on 17.03.2026.**

Ref:

1. Letter no. 8-06/2025-FC dated 17.03.2026.
2. Nodal office, Nagpur letter no. 17/SI/PID-153240/Thane/3081/2025-26 dated 20.03.2026.
3. CCF Thane office forwarding outward no. Desk-10/FCA/A-20/CR-80/24-25/438/25-26 dated 20.03.2026.
4. Your good office letter no. Room-10/FCA/4284/2025-26 dated 24.03.2026.
5. Our Office letter No. JSW/PSP-BHAVALI/FC/2025-26/76, dated 25.03.2026
6. Your office letter No. 10/FCA/436/2025-26 dated 30/03/2026.


Respected Sir,

With reference to the above mentioned letter received from your office, please find enclosed the EDS response and it is further submitted that:

- With reference to shifting of Muck disposal site outside forest area, as explained in our enclosed EDS response (Annexure-1), it is technically not feasible to shift muck disposal site outside the forest area however, we are now proposing reduction in Muck dumping area from 40.910 ha. to 23.122 ha. in Shahapur Division
- With reference to reassess and optimize forest area for roads. As mentioned in our enclosed EDS response, the road area in forest land has been optimized from 39.162 ha to 19.381 ha. in Shahapur Division (Annexure-1).
- While accommodating the above changes in our layout and realign our construction planning & methodology, resulted in overall reduction in forest area from 243.74 ha. to 207.171 ha. i.e 36.569 Ha forest area is now proposed for reduction. The resulting area statement and map indicating the details of overall area changes is enclosed as Annexure-2.
- It is kindly submitted that the resulting updated KML file will be submitted as part of our FC Stage-II compliances. Undertaking in this regard is enclosed as Annexure- 3

Thanking you,

Yours faithfully,
For: JSW Energy PSP Two Limited


Lant Parab
(Authorized Signatory)

Encl.:

1. Annexure 1: EDS response
2. Annexure 2: Map indicating proposed area reduction.
3. Annexure 3: Undertaking for submission of revised KML as part of FC Stage -2 compliances.





महाराष्ट्र शासन
वनविभाग

उप वनसंरक्षक, शहापूर वनविभाग, शहापूर यांचे कार्यालय
शहापूर आसनगांव जुना आग्रा रोड ४२१६०१, शहापूर.ता.पो.मु.,
दुरध्वनी क्र.- ०२५२७- २७२०९६

ईमेल आयडी-dycfshahapur@mahaforest.gov.in/dcfshahapur@gmail.com



क्रमांक - कक्ष-10/FCA/ 4365 /2025-26

दिनांक 30 / 03 / 2026

प्रति,

मे. जेएसडब्ल्यु एनर्जी पीएसपी टु लि.,
जेएसडब्ल्यु सेंटर, बांद्रा कुर्ला कॉम्प्लेक्स,
बांद्रा (पूर्व) मुंबई - 400 051.

विषय:- वनजमिन- ठाणे व नाशिक

मे. जेएसडब्ल्यु एनर्जी पीएसपी टु लि., मुंबई यांनी भावली पंप स्टोरेज प्रोजेक्टचे बांधकाम करण्यासाठी ठाणे व नाशिक जिल्हयातील 243.74 हे. वनजमिन वळतीकरणाबाबत.

- संदर्भ:-
1. मे. जेएसडब्ल्यु एनर्जी पीएसपी टु लि., मुंबई यांचेकडील पत्र क्र. JSWNEI/ BHAVALI/FC/— 2023-24, दिनांक 6/03/2022
 2. केंद्र शासन, दिल्ली यांचेकडील दि.17.03.2026 रोजीचे पत्र.
 3. मुख्य वनसंरक्षक, ठाणे यांचेकडील पत्र क्र. कक्ष-10/FCA/A-20/CR-80/24-25428/ 25-26, दि. 20/03/2026.
 4. या कार्यालयाचे पत्र क्र.कक्ष-10/FCA/4284/25-26, दि.24.03.2026
 5. आपलेकडील दि.25/03/2026 रोजीचा पुर्तता अहवाल.
 6. उपवनसंरक्षक, नाशिक पश्चिम यांचेकडील पत्र क्र.कक्ष -3/जमीन/2753/2025-26, दि.25.03.2026

विषयांकित प्रकरणी मे. जेएसडब्ल्यु एनर्जी पीएसपी टु लि., मुंबई यांनी 1500 MW भावली पंप स्टोरेज प्रोजेक्ट (PSP) करिता आवश्यक असलेल्या ठाणे जिल्हयातील शहापूर वनविभागाचे कार्यक्षेत्रातील मौजे कळभोंडे व मौजे कोथळे, ता. शहापूर येथील एकुण 181.45 हे.आर व नाशिक जिल्हयातील नाशिक पश्चिम वनविभागाचे कार्यक्षेत्रातील मौजे जामुंडे, ता. इगतपूरी येथील एकुण 94.3 हे.आर असे एकुण एकंदर 275.75 पैकी 243.74 हे.आर वनजमीनीचे वळतीकरणास केंद्र शासनाची मंजूरी मिळणेकामी वन (संवर्धन) अधिनियम, 1980 चे कलम 2 अंतर्गत सुधारीत प्रस्ताव ऑनलाईन www.forestclearance.in वर सादर केलेला असून सादर प्रस्तावाचा सांकेतांक क्रमांक FP/MH/HYD/153240/2022 असा आहे. सादर प्रस्तावाची हार्ड कॉपी या कार्यालयास पुढील कार्यवाहीसाठी सादर केलेली होती.

त्या अनुषंगाने सादरचा प्रस्ताव तत्त्वतः मंजूरीसाठी सादर करण्यांत आलेला होता. केंद्र सरकारकडून वेळोवेळी काढण्यांत आलेल्या त्रुटीची पुर्तता करून सादर प्रस्ताव मंजूरीकामी सादर करण्यांत आलेला होता.

तथापि केंद्र शासनाकडून सादर प्रस्तावामध्ये दि.17.03.2026 रोजी खालीलप्रमाणे 2 बुटी उपस्थित करण्यांत आलेल्या आहेत. सादर बुटीची पूर्तता करणेकामी संदर्भ क्र.03 अन्वये मुख्य वनसंरक्षक, ठाणे (प्रा.) यांनी पुढील कार्यावाहीसाठी या कार्यालयास सुचित केले आहे. त्या अनुषंगाने पूर्तता अहवाल सादर करणेकामी संदर्भ क्र.04 अन्वये आपणांस कळविण्यांत आले आहे.

प्रकरण 1 प्रस्तावात दि.17.03.2026 रोजीचे बुटी पत्रातील अट क्र. 1 व 2 साठी वनेतर जमीन प्रस्तावित करणेबाबत सुचविले असून आपण प्रस्तावित क्षेत्राचे जवळपास वनेतर जमीन उपलब्ध नसलेबाबत, तसेच सादरची प्रस्तावित जमीन प्रस्तुत कामासाठी योग्यच असून जवळ आहे. त्यामुळे सादरचे बाधित क्षेत्र कमी करून नव्याने क्षेत्र प्रस्तावित करत असलेबाबत संदर्भ क्र.05 अन्वये प्राप्त झालेल्या पूर्तता अहवाल नमूद केले आहे व कमी करण्यांत आलेल्या क्षेत्राबाबचे दस्ताऐवत अंतिम मंजूरी पत्रातील अटीचे पूर्तता अहवाला सोबत जोडून देण्यांत येणार असलेबाबतचे हमीपत्राने कळविण्यांत आलेले आहे .

तथापि आपणांमार्फत नव्याने प्रस्तावित करण्यांत आलेल्या क्षेत्राची KML व नकाशे सोबत जोडले नसल्याने प्रस्तावित केलेले क्षेत्राची पाहणी करणे शक्य होत नाही.

तरी आपणांस सुचित करण्यांत येते की , नव्याने प्रस्तावित करण्यांत आलेल्या क्षेत्राची KML copy व सर्व नकाशे परीवेशवर नव्याने upload करून पूर्तता अहवाल अंगलभाषेत 5 प्रतीत या कार्यालयास लवकरात लवकर सादर करणे, जेणे करून पुढील कार्यवाही योजणे या कार्यालयाकडून शक्य होईल.

सहपत्र- वरीलप्रमाणे.

(दीपेश मन्हात्रा)

उप वनसंरक्षक

शहापूर वनविभाग, शहापूर

प्रतिलिपी:- मुख्य वनसंरक्षक (प्रा.) ठाणे, मुख्य वनसंरक्षक (प्रा.) नाशिक यांजकडे माहितीसाठी सविनय सादर.

प्रतिलिपी:- उपवनसंरक्षक, नाशिक पश्चिम यांना माहितीसाठी व उचित कार्यवहीसाठी सन्नेह आग्रहित.

प्रतिलिपी:- वनक्षेत्रपाल डोळखांब व वाशाळा यांना माहितीसाठी व उचित कार्यवहीसाठी रवाना.

प्रतिलिपी:- सहाय्यक वनसंरक्षक (वनिकरण व वन्यजीव) शहापूर यांना माहितीसाठी व उचित कार्यवहीसाठी रवाना.

2/- प्रकल्प यंत्रणेने प्रस्तावित केलेल्या सुधारीत क्षेत्राची पाहणी करून अहवाल सादर करावा.



JSW Energy PSP Two Limited

Regd. Office : JSW Centre,
Bandra Kurla Complex,
Bandra (East), Mumbai - 400 051

CIN.: : U40106MH2021PLC367136
Phone : +91 22 4286 1000
Fax : +91 22 4286 3000
Website: www.jsw.in

JSW/PSP-BHAVALI/FC/2025-26/-76

Dated- 25th March 2026

To,
The Deputy Conservator of Forests
Shahapur Division,
District Thane, Maharashtra

To,
The Deputy Conservator of Forests
West Nashik Division
District-Nashik, Maharashtra

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of JSW Energy PSP Two Limited for non-forestry use of 243.74ha. (Shahapur Division 181.45 ha and West Nashik Division 62.29 Ha) of forest land (reserved forest, protected forest and private forest) for Bhavali Pumped Storage Project (1500 MW) in Thane & Nashik District in the State of Maharashtra (Online proposal No. FP/MH/HYD/153240/2022)– **regarding submission of EDS compliance issued on 17.03.2026.**

Ref: i. Letter no. 8-06/2025-FC dated 17.03.2026.
ii. Nodal office, Nagpur letter no-17/SI/PID-153240/Thane/3081/2025-26 dated 20.03.2026.
iii. CCF Thane office forwarding outward no. Desk-10/FCA/A-20/CR-80/24-25/438/25-26 dated 20.03.2026.
iv. DCF Shahapur office letter no. Room-10/FCA/4284/2025-26 dated 24.03.2026.

Dear Sir,

With reference to the above, we are submitting herewith our point-wise compliances to the shortcomings as desired by the MoEF&CC, Government of India vide letter dated 17.03.2026 alongwith the supporting documents attached as an annexures for your reference and to process it further.

Thanking you,

Yours faithfully,
For- JSW Energy PSP Two Limited

Lalit Parab.
(Authorized Signatory)



Encl.: Compliance letter along with supporting documents in 5 sets.



JSW/PSP-BHAVALI/FC/2025-26/-75

Dated- 25th March 2026

To,

The Deputy Conservator of Forests
Shahapur Division,
District Thane, Maharashtra

To,

The Deputy Conservator of Forests
West Nashik Division
District-Nashik, Maharashtra

Sub: Proposal for seeking prior approval of the Central Government under Section 2 (i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of JSW Energy PSP Two Limited for non-forestry use of 243.74ha. (Shahapur Division 181.45 ha and West Nashik Division 62.29 Ha) of forest land (reserved forest, protected forest and private forest) for Bhavali Pumped Storage Project (1500 MW) in Thane & Nashik District in the State of Maharashtra (Online proposal No. FP/MH/HYD/153240/2022)– **regarding submission of EDS compliance issued on 17.03.2026.**

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Thanking you,

Yours faithfully,

For- JSW Energy PSP Two Limited

Lalit Parab.

(Authorized Signatory)



Encl.: Compliance letter along with supporting documents in 5 sets.



महाराष्ट्र शासन
वनविभाग

उप वनसंरक्षक, शहापूर वनविभाग, शहापूर यांचे कार्यालय
शहापूर आसनगांव जुना आग्रा रोड ४२१६०१, शहापूर, ता.पो.मु.,
दुरध्वनी क्र. - ०२५२७- २७२०९६

ईमेल आयडी - dcfshahapur@mahaforest.gov.in / dcfshahapur@gmail.com

क्रमांक - कक्ष-10/FCA/ 4284 /2025-26

दिनांक 24 / 03 / 2026

प्रति,

मे. जेएसडब्ल्यू एनर्जी पीएसपी टु लि.,
जेएसडब्ल्यू सेंटर, बांद्रा कुर्ला कॉम्प्लेक्स,
बांद्रा (पूर्व) मुंबई - 400 051.

विषय:- वनजमिन- ठाणे व नाशिक

मे. जेएसडब्ल्यू एनर्जी पीएसपी टु लि., मुंबई यांनी भावली पंप स्टोरेज प्रोजेक्टचे बांधकाम करण्यासाठी ठाणे व नाशिक जिल्ह्यातील 243.74 हे. वनजमिन वळतीकरणाबाबत.

- संदर्भ:-
1. मे. जेएसडब्ल्यू एनर्जी पीएसपी टु लि., मुंबई यांचेकडील पत्र क्र. JSWNEI/ BHAVALI/FC/--- 2023-24, दिनांक 6/03/2022
 2. केंद्र शासन, दिल्ली यांचेकडील दि.17.03.2026 रोजीचे पत्र.
 3. मुख्य वनसंरक्षक, ठाणे यांचेकडील पत्र क्र. कक्ष-10/FCA/A-20/CR-80/24-25428/ 25-26, दि. 20/03/2026.

विषयांकित प्रकरणी मे. जेएसडब्ल्यू एनर्जी पीएसपी टु लि., मुंबई यांनी 1500 MW भावली पंप स्टोरेज प्रोजेक्ट (PSP) करिता आवश्यक असलेल्या ठाणे जिल्ह्यातील शहापूर वनविभागाचे कार्यक्षेत्रातील मोजे कळमांडे व मोजे कोयळे, ता. शहापूर येथील एकूण 181.45 हे.आर व नाशिक जिल्ह्यातील नाशिक पश्चिम वनविभागाचे कार्यक्षेत्रातील मोजे जामुंडे, ता. इगतपूरी येथील एकूण 94.3 हे.आर असे एकूण एकंदर 275.75 पैकी 243.74 हे.आर वनजमीनीचे वळतीकरणास केंद्र शासनाची मंजूरी मिळणेकामी वन (संवर्धन) अधिनियम, 1980 चे कलम 2 अंतर्गत सुधारीत प्रस्ताव ऑनलाईन www.forestclearance.in वर सादर केलेला असून सदर प्रस्तावाचा सांकेतांक क्रमांक [FP/MH/HYD/153240/2022](http://www.forestclearance.in) असा आहे. सदर प्रस्तावाची हार्ड कॉपी या कार्यालयास पुढील कार्यवाहीसाठी सादर केलेली होती.

त्या अनुषंगाने सदरचा प्रस्ताव तत्त्वतः मंजूरीसाठी सादर करण्यांत आलेला होता. केंद्र सरकारकडून वेळोवेळी काढण्यांत आलेल्या त्रुटींची पूर्तता करून सदर प्रस्ताव मंजूरीकामी सादर करण्यांत आलेला होता.

तथापि केंद्र शासनाकडून सदर प्रस्तावामध्ये दि.17.03.2026 रोजी खालीलप्रमाणे 2 त्रुटी उपस्थित करण्यांत आलेल्या आहेत. सदर त्रुटींची पूर्तता करणेकामी संदर्भ क्र.03 अन्वये मुख्य वनसंरक्षक, ठाणे (प्रा.) यांनी पुढील कार्यवाहीसाठी या कार्यालयास सुचित केले आहे.

1. As per the component -wise break up of the forest land proposed for diversion, 40.91 ha. of forest land has been proposed for muck dumping and job facilities. The State Government shall explore the possibility of shifting of such non-site specific activities on Non-Forest land.

- 2 As per the component - wise break up, 0.77 ha of forest land has been proposed for the approach road to the upper dam and 39.162 ha. for the approach road to the lower dam. The State Government shall re-examine the requirement of forest land for these roads, reassess and optimize the requirement of forest land for construction of the roads, with regard to the gradient and width of road, and further explore the possibility of realigning the road to non -forest land.

तरी आपणांस सुचित करण्यांत येते की , केंद्र शासनाचे दि.17.03.2026 रोजीचे पत्रामध्ये उपस्थित केलेल्या वरिल त्रुटीचा पुर्तता अहवाल नाशिक वनविभागामार्फत 5 संचामध्ये अंगलभाषेत (English) या कार्यालयास लवकरात लवकर सादर करणे, जेणे करुन पुढील कार्यवाही योजणे या कार्यालयाकडून शक्य होईल.

सहपत्र- वरीलप्रमाणे.



(दीपेश मल्होत्रा)

उप वनसंरक्षक
शहापूर वनविभाग, शहापूर

प्रतिलिपी:- मुख्य वनसंरक्षक (प्रा.) ठाणे, मुख्य वनसंरक्षक (प्रा.) नाशिक यांजकडे माहितीसाठी सविनय सादर.

प्रतिलिपी:- उपवनसंरक्षक, नाशिक पश्चिम यांना माहितीसाठी व उचित कार्यवहीसाठी सस्नेह आग्रहित.

प्रतिलिपी:- वनक्षेत्रपाल डोळखांब व वाशाळा यांना माहितीसाठी व उचित कार्यवहीसाठी रवाना.

प्रतिलिपी:- सहाय्यक वनसंरक्षक (वनिकरण व वन्यजीव) शहापूर यांना माहितीसाठी व उचित कार्यवहीसाठी रवाना.

File No. 8-06/2025-FC
Government of India
Ministry of Environment, Forest and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road
New Delhi- 110003
Dated: 17-03-2026

To
The Principal Secretary (Forests)
Government of Maharashtra
Mumbai.

Subject: Proposal for seeking prior approval of the Central Government under Section 2 (i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of JSW Energy PSP Two Limited for non-forestry use of 243.74 ha. (Shahapur Division 181.45 ha and West Nasik Division 62.29 Ha) of forest land (reserved forest, protected forest and private forest) for Bhavali Pumped Storage Project (1500 MW) in Thane & Nasik District in the State of Maharashtra (Online proposal No. FP/MH/HYD/153240/2022)– reg.
Madam/Sir,

I am directed to refer to the Govt. of Maharashtra's letter No. FLD-1225/CR-101/F-10 dated 05.08.2025 and further information submitted vide letter dated 19.01.2026 on the subject proposal seeking prior approval of the Central Government in accordance with Section 2 (1) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and to say that the proposal was considered in the Advisory Committee meeting held on 27.02.2026. The detailed minutes of the said meeting is placed on the website of this Ministry: www.parivesh.nic.in. After examination of the proposal, the Committee deferred the proposal for want of the following information:

- i. As per the component-wise breakup of the forest land proposed for diversion, 40.91 ha of forest land has been proposed for muck dumping and job facilities. The State Government shall explore the possibility of shifting of such non-site specific activities on Non-forest lands.
 - ii. As per the component-wise break-up, 0.77 ha of forest land has been proposed for the approach road to the upper dam and 39.162 ha for the approach road to the lower dam. The State Government shall re-examine the requirement of forest land for these roads, reassess and optimize the requirement of forest land for construction of the roads with regard to the gradient and width of road, and further explore the possibility of realigning the road to non-forest land.
2. In view of above, the State Government is requested to furnish the information, as indicated above, for further consideration of the proposal in the Ministry.

Yours faithfully,
Sd/-
(Raja Ram Singh)
Deputy Inspector General of Forests

Copy to:-

1. The Principal Chief Conservator of Forests & HoFF, Department of Forest, Government of Maharashtra, Nagpur.
2. DDGF (Central), Regional Office, Ministry of Environment, Forest and Climate Change, Nagpur.
3. The APCCF-cum-Nodal Officer (FCA), Government of Maharashtra, Nagpur.
4. The User Agency.
5. The Monitoring Cell, FC Division, MoEF&CC, New Delhi for uploading the letter on PARIVESH portal.


Desk-10/FCA/A-20/CR-80/24-25/ 438 /25-26
Thane- 400 603 Date -20/03/2026

Copy to the Chief Conservator of Forests (T.), Nashik for information and necessary action.

Copy to the Deputy Conservator of Forests, Shahapur and West Nashik for information and necessary action.

Copy to Authorized signatory, JSW Energy PSP Two Limited at JSW centre, Bandra Kurla Complex, Bandra (East) Mumbai-400 051 for information and necessary action.

Encl. :- As Stated.


(Roshan Rathod)

Divisional Forest Officer(V.),Thane
office of the **Chief Conservator of Forests (T.), Thane.**

Digitally signed by
Raja Ram Singh
Date: 17-03-2026
13:31:35

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS (HEAD OF FOREST FORCE), MAHARASHTRA STATE, NAGPUR

ADDITIONAL PRINCIPAL CHIEF CONSERVATOR OF FORESTS AND NODAL OFFICER
First Floor, 'B' Wing, Van Bhavan, Civil Lines, Nagpur-440001.

Tel no. 0712-2556916 E-mail- apccfnodal@mahaforest.gov.in

No.:Desk-17/SI/PID-153240/Thane³⁰⁸¹/2025-26

Nagpur – 440 001, Dated : 20/03/2026

To,

The Authorized Signatory,
JSW Energy PSP Two Ltd.
At JSW Centre Bandra Kurla Complex, Bandra (East),
Mumbai-400051


Sub:- Proposal for seeking prior approval of the Central Government under Section 2 (i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of JSW Energy PSP Two Limited for non-forestry use of 243.74 ha. (Shahapur Division 181.45 ha and West Nasik Division 62.29 Ha) of forest land (reserved forest, protected forest and private forest) for Bhavali Pumped Storage Project (1500 MW) in Thane & Nasik District in the State of Maharashtra (Online proposal No. FP/MH/HYD/153240/2022)-reg.

Ref:- The Government of India, MoEF&CC, New Dlehi letter no. File No.8-06/2025-FC, dated 17/03/2026.

The copy of the Government of India, MoEF&CC, New Dlehi letter referred above is enclosed herewith for information & necessary action.

It is therefore requested to submit compliance with all relevant documents in **English** through proper channel to this office for further submission to the Ministry for consideration of the proposal for approval

Encl:- As above


(N. Jeykumaran)
Member Secretary
Deputy Conservator of Forests
(Forest Conservation)

Copy to Chief Conservator of Forests (T), Thane for information and necessary action..

Copy of the Chief Conservator of Forests (T), Nashik for information and necessary action.

Copy to the Deputy Conservator of Forests, Shahapur Forest Division, Shahapur for information and necessary action

Copy to the Deputy Conservator of Forests, West Nashik Forest Division for information and necessary action

File No. 8-06/2025-FC
Government of India
Ministry of Environment, Forest and Climate Change
(Forest Conservation Division)

Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road
New Delhi- 110003
Dated: 17-03-2026

To
The Principal Secretary (Forests)
Government of Maharashtra
Mumbai.

Subject: Proposal for seeking prior approval of the Central Government under Section 2 (i) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 in favour of JSW Energy PSP Two Limited for non-forestry use of 243.74 ha. (Shahapur Division 181.45 ha and West Nasik Division 62.29 Ha) of forest land (reserved forest, protected forest and private forest) for Bhavali Pumped Storage Project (1500 MW) in Thane & Nasik District in the State of Maharashtra (Online proposal No. FP/MH/HYD/153240/2022)– reg.

Madam/Sir,

I am directed to refer to the Govt. of Maharashtra's letter No. FLD-1225/CR-101/F-10 dated 05.08.2025 and further information submitted vide letter dated 19.01.2026 on the subject proposal seeking prior approval of the Central Government in accordance with Section 2 (1) (ii) of the Van (Sanrakshan Evam Samvardhan) Adhiniyam, 1980 and to say that the proposal was considered in the Advisory Committee meeting held on 27.02.2026. The detailed minutes of the said meeting is placed on the website of this Ministry: www.parivesh.nic.in. After examination of the proposal, the Committee deferred the proposal for want of the following information:

- i. As per the component-wise breakup of the forest land proposed for diversion, 40.91 ha of forest land has been proposed for muck dumping and job facilities. The State Government shall explore the possibility of shifting of such non-site specific activities on Non-forest lands.
 - ii. As per the component-wise break-up, 0.77 ha of forest land has been proposed for the approach road to the upper dam and 39.162 ha for the approach road to the lower dam. The State Government shall re-examine the requirement of forest land for these roads, reassess and optimize the requirement of forest land for construction of the roads with regard to the gradient and width of road, and further explore the possibility of realigning the road to non-forest land.
2. In view of above, the State Government is requested to furnish the information, as indicated above, for further consideration of the proposal in the Ministry.

Yours faithfully,
Sd/-
(Raja Ram Singh)
Deputy Inspector General of Forests

Copy to:-

1. The Principal Chief Conservator of Forests & HoFF, Department of Forest, Government of Maharashtra, Nagpur.
2. DDGF (Central), Regional Office, Ministry of Environment, Forest and Climate Change, Nagpur.
3. The APCCF–cum-Nodal Officer (FCA), Government of Maharashtra, Nagpur.
4. The User Agency.
5. The Monitoring Cell, FC Division, MoEF&CC, New Delhi for uploading the letter on PARIVESH portal.



Compliance of Essential Detail Sought (EDS) dtd. 17.03.2026:

Sr. No.	Observation/Shortcoming	Clarification & required Documents and Annexures
1.	As per the component-wise breakup of the forest land proposed for diversion, 40.91 ha of forest land has been proposed for muck dumping and job facilities. The State Government shall explore the possibility of shifting of such non-site specific activities on Non-forest lands	<p><u>Justification for Location of Dumping & Job Facility Areas</u></p> <p>It is respectfully submitted that the Bhavali Pumped Storage Project (PSP) is inherently site-specific in nature, as pumped storage schemes are governed by stringent topographical, geological, hydrological and engineering requirements.</p> <p>Shifting of the dumping and job facility areas is not feasible due to the site-specific nature of the project in view of following constraints:</p> <ul style="list-style-type: none">- Detailed reconnaissance of the lower reservoir project area indicates that the surrounding region is predominantly forest land.- The nearest potential non-forest/Non-Tribal private land identified is located at a distance of more than 75km away and that too outside Thane district.- Shifting dumping areas to locations 75 km away would require additional access roads, significantly increasing the forest land requirement for roads, which may become comparable to or even exceed the dumping area requirement itself. For example, shifting of dumping site even 15 km will increase the diversion of forest land in road component by approx. 50 Ha.- Additionally, long-distance transportation of muck would lead to higher fuel consumption, increased emissions, disturbance to forest areas and wildlife and additional safety risks. It would also adversely affect construction efficiency due to increased cycle time and repeated handling of material, thereby impacting the construction schedule & Project viability. The detailed studies on environmental impact of distant Dumping area was submitted vide EDS reply dtd. 06.01.26. <p>In view of above, shifting of dumping and job facility areas is not feasible. However, we have reviewed in detail various options to further optimize forest land requirement for the same. Through revised construction methodology, phased utilization of infrastructure, adoption of engineered stabilization and compaction measures, it is now proposed to reduce the Dumping and job facility area of 40.91 ha to 23.122 ha which is about 17.788 ha (43.5%) reduction in forest area.</p>





The reduced area of Dumping sites is as follows:

Site	Earlier proposed			Revised Proposal			Reduction (ha)		
	Reserved Forest (ha)	Private Forest (ha)	Total Forest Area (ha)	Reserved Forest Area (ha)	Private Forest Area (ha)	Total Forest Area (ha)	Reserved Forest Area	Private Forest (ha)	Forest Land (ha)
D-1	4.455	13.88	18.335	0	7.916	7.916	4.455	5.964	10.419
D-2	22.575	0	22.575	15.206	0	15.206	7.369	0	7.369
Total	27.03	13.88	40.91	15.206	7.916	23.122	11.824	5.964	17.788

While revising the muck dumping area requirement, special emphasis was given to **reduction of Reserve forest area**. As a result, of the total **17.788 Ha area reduced, 11.824 ha (66.5%) is Reserved Forest and 5.964 ha. (33.5%) is Private Forest area.**

It is further submitted that:

- The muck disposal areas are directly linked to tunnel portals, dam excavation zones and underground works. Location of these facilities in close proximity to the excavation sites is essential for:
 - Minimize environmental impacts on ecology
 - Improve construction efficiency and reduce duration of forest disturbance
 - Reduce haulage distance of excavated material
 - Minimizing Safety Risks
 - Reducing Social Impact
 - Ease of environmental monitoring and compliance:
- Of the total 6.45 MCM excavation, 3.61 MCM (56%) will be reused, while 2.84 MCM (44%) will be disposed of at the proposed dumping sites.
- The proposed muck disposal sites are located in areas having low vegetation density and have been selected to avoid dense forest patches. A comprehensive and approved Muck Management Plan has been prepared, incorporating engineering stabilization measures and biological reclamation, ensuring environmental protection, slope stability and long-term restoration of the sites.
- It is also kindly submitted that the Expert Appraisal Committee (River Valley & Hydroelectric Projects), MoEF&CC, conducted site visit on 2nd & 3rd Jan 2025. The findings of the site visit were discussed amongst the Hon'ble EAC members under Additional Agenda Item 22.4 in the 22nd EAC Meeting held on 10th Jan., 2025. The Committee recommendations as per the Minutes of the Meeting are reproduced hereunder.





		<p><i>“the relocation of muck disposal site may not be insisted on while considering the proposal for clearance since the muck disposal site was found to have been selected properly. Further, ecologically better sites were not appeared available in nearby areas. Any relocation at this stage might lead to much changes and may lead to more adverse consequences. However, safety measures as contained in EMP and in other documents should be adhered into”.</i></p> <ul style="list-style-type: none"> - It is kindly submitted that the dumping areas shall be stabilized and restored in accordance with the approved Muck Management Plan and handed over to state forest department. We have also submitted an undertaking confirming that the Muck disposal site will be properly stabilized and scientifically reclaimed with vegetation after completion of disposal activities and will not be used for any Non-forest activities.
<p>2.</p>	<p>As per the component-wise break-up, 0.77 ha of forest land has been proposed for the approach road to the upper dam and 39.162 ha for the approach road to the lower dam. The State Government shall re-examine the requirement of forest land for these roads, reassess and optimize the requirement of forest land for construction of the roads with regard to the gradient and width of road, and further explore the possibility of realigning the road to non-forest land.</p>	<p>It is respectfully submitted that access roads are essential for connectivity between various project components such as dam sites, tunnel portals, underground works and construction facilities during the execution & operational stage.</p> <p>The road network was originally planned considering the requirements of construction methodology, heavy equipment transportation, hill road gradients, turning radius at bends and long-term operational accessibility.</p> <p>Further, the alignment of roads is significantly influenced by site topography and terrain conditions. The project area lies in steep hilly terrain with a gross head of approximately 450 m. Hill roads cannot be constructed in straight alignment which necessitates the proposed road length & area.</p> <p><u>Optimization of Project Road Area</u></p> <p>In compliance with the observations the road alignment, construction methodology and access planning for project components were reviewed in detail with the objective of further minimizing the forest land requirement.</p> <p>Accordingly, the following optimization measures have been undertaken:</p> <ul style="list-style-type: none"> - Optimization of carriageway width - Reduction in Surface Road Footprint through underground access <p>Based on these considerations, the forest land requirement for Roads in Lower reservoir area is reduced from 39.162 ha to 19.381 Ha.</p>

Based on the above revised area proposal, Component wise Project land break up is attached as **Annexure-1** and undertaking w.r.t submission of revised documentation for the proposed forest area reduction is attached as **Annexure -2**.



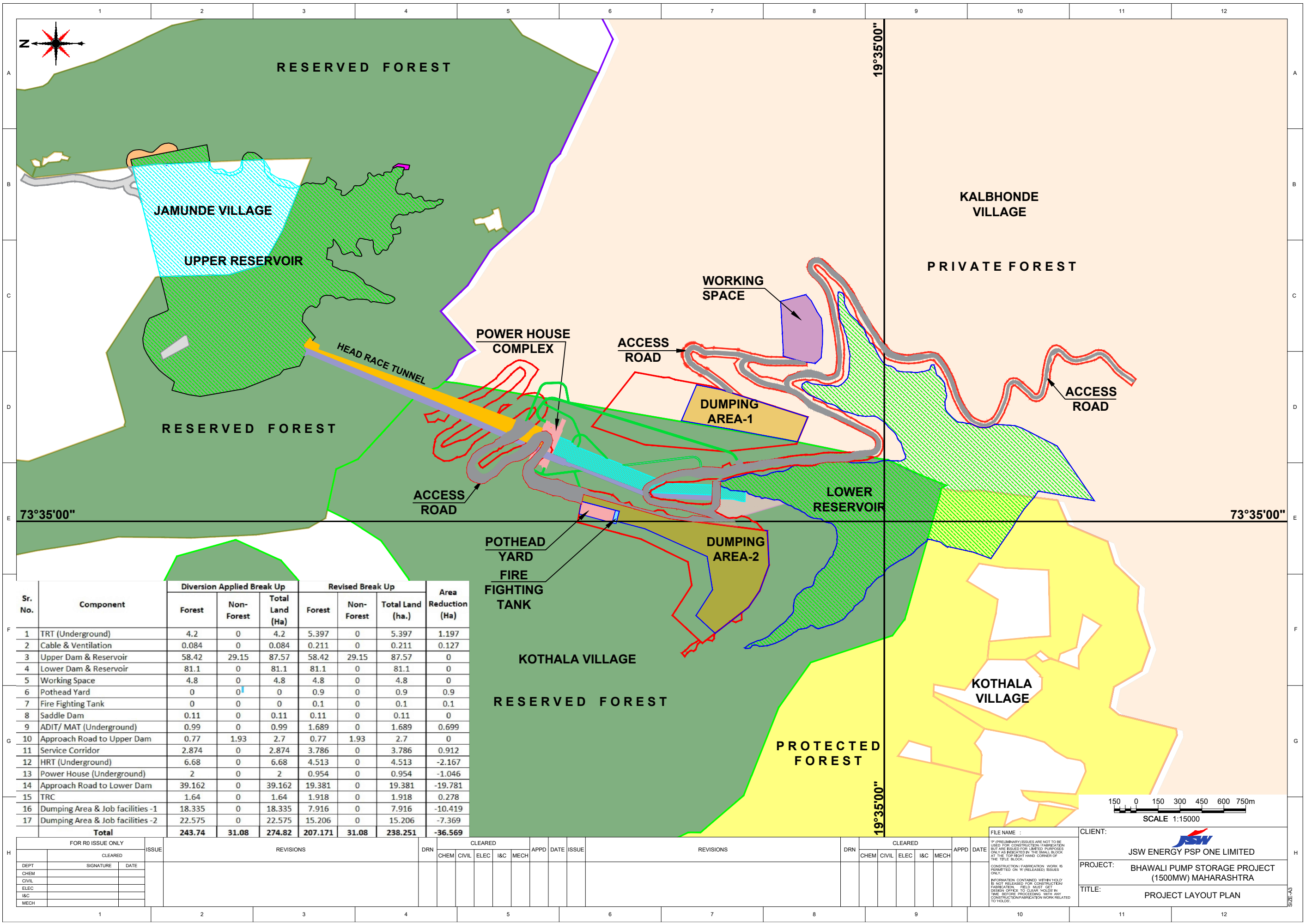
Bhavali PSP- Forest Land Area Reduction & Component wise Breakup

The requirement of forest land is reduced to **207.171 ha** as against the earlier proposed **243.74 ha** (reduction of approximately **36.569 ha**). The revised component-wise break-up of the land requirement is as follows:

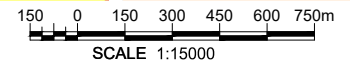
Sr. No.	Component	Revised Forest Area (ha.)		Total Revised Forest Area (ha.)	Non-Forest Area (ha.)	Total Area (ha.)
		Reserved/Protected Forest	Private Forest			
1	TRT (Underground)	5.397	0	5.397	0	5.397
2	Cable & Ventilation	0.211	0	0.211	0	0.211
3	Upper Dam & Reservoir	58.42	0	58.42	29.15	87.57
4	Lower Dam & Reservoir	44.92	36.18	81.1	0	81.1
5	Working Space	0	4.8	4.8	0	4.8
6	Pothead Yard	0.9	0	0.9	0	0.9
7	Fire Fighting Tank	0.1	0	0.1	0	0.1
8	Saddle Dam	0.11	0	0.11	0	0.11
9	ADIT/ MAT (Underground)	1.452	0.237	1.689	0	1.689
10	Approach Road to Upper Dam	0.77	0	0.77	1.93	2.7
11	Service Corridor	3.786	0	3.786	0	3.786
12	HRT (Underground)	4.513	0	4.513	0	4.513
13	Power House (Underground)	0.954	0	0.954	0	0.954
14	Approach Road to Lower Dam	10.851	8.53	19.381	0	19.381
15	TRC	1.918	0	1.918	0	1.918
16	Dumping Area & Job facilities -1	0	7.916	7.916	0	7.916
17	Dumping Area & Job facilities -2	15.206	0	15.206	0	15.206
Total		149.508	57.663	207.171	31.08	238.25

The previous component-wise break-up of the land requirement is as follows:

Sr. No.	Component	Reserved Forest Area (ha.)		Total Forest Area (ha.)	Non-Forest Area (ha.)	Total Area (ha.)
		Reserved/Protected Forest	Private Forest			
1	TRT (Underground)	4.2	0	4.2	0	4.2
2	Cable & Ventilation	0.084	0	0.084	0	0.084
3	Upper Dam & Reservoir	58.42	0	58.42	29.15	87.57
4	Lower Dam & Reservoir	44.92	36.18	81.1	0	81.1
5	Working Space	0	4.8	4.8	0	4.8
6	Pothead Yard	0	0	0	0	0
7	Fire Fighting Tank	0	0	0	0	0
8	Saddle Dam	0.11	0	0.11	0	0.11
9	ADIT/ MAT (Underground)	0.23	0.76	0.99	0	0.99
10	Approach Road to Upper Dam	0.77	0	0.77	1.93	2.7
11	Service Corridor	2.874	0	2.874	0	2.874
12	HRT (Underground)	6.68	0	6.68	0	6.68
13	Power House (Underground)	2	0	2	0	2
14	Approach Road to Lower Dam	20.932	18.230	39.162	0	39.162
15	TRC	1.64	0	1.64	0	1.64
16	Dumping Area & Job facilities -1	4.455	13.88	18.335	0	18.335
17	Dumping Area & Job facilities -2	22.575	0	22.575	0	22.575
Total		169.89	73.85	243.74	31.08	274.82



Sr. No.	Component	Diversion Applied Break Up			Revised Break Up			Area Reduction (Ha)
		Forest	Non-Forest	Total Land (Ha)	Forest	Non-Forest	Total Land (ha.)	
1	TRT (Underground)	4.2	0	4.2	5.397	0	5.397	1.197
2	Cable & Ventilation	0.084	0	0.084	0.211	0	0.211	0.127
3	Upper Dam & Reservoir	58.42	29.15	87.57	58.42	29.15	87.57	0
4	Lower Dam & Reservoir	81.1	0	81.1	81.1	0	81.1	0
5	Working Space	4.8	0	4.8	4.8	0	4.8	0
6	Pothead Yard	0	0	0	0.9	0	0.9	0.9
7	Fire Fighting Tank	0	0	0	0.1	0	0.1	0.1
8	Saddle Dam	0.11	0	0.11	0.11	0	0.11	0
9	ADIT/ MAT (Underground)	0.99	0	0.99	1.689	0	1.689	0.699
10	Approach Road to Upper Dam	0.77	1.93	2.7	0.77	1.93	2.7	0
11	Service Corridor	2.874	0	2.874	3.786	0	3.786	0.912
12	HRT (Underground)	6.68	0	6.68	4.513	0	4.513	-2.167
13	Power House (Underground)	2	0	2	0.954	0	0.954	-1.046
14	Approach Road to Lower Dam	39.162	0	39.162	19.381	0	19.381	-19.781
15	TRC	1.64	0	1.64	1.918	0	1.918	0.278
16	Dumping Area & Job facilities -1	18.335	0	18.335	7.916	0	7.916	-10.419
17	Dumping Area & Job facilities -2	22.575	0	22.575	15.206	0	15.206	-7.369
Total		243.74	31.08	274.82	207.171	31.08	238.251	-36.569



FOR RO ISSUE ONLY		ISSUE	REVISIONS		DRN	CLEARED					APPD	DATE	ISSUE	REVISIONS		DRN	CLEARED					APPD	DATE
DEPT	SIGNATURE		DATE	CHEM		CIVIL	ELEC	I&C	MECH	CHEM				CIVIL	ELEC		I&C	MECH					

FILE NAME :
 CLIENT: JSW ENERGY PSP ONE LIMITED
 PROJECT: BHAWALI PUMP STORAGE PROJECT (1500MW) MAHARASHTRA
 TITLE: PROJECT LAYOUT PLAN

SIZE-A3

**Energy PSP Two Limited**Regd. Office: JSW Centre,
Bandra Kurla Complex,
Bandra (East), Mumbai – 400 051,

CIN: U40106MH2021PLC367136

Phone: 022-4286 1000

Fax: 022-4286 3000

Undertaking

(Regarding submission of revised documentation w.r.t proposed reduction in Forest land Diversion)

With reference to EDS Point No. 1 & 2 of the MoEF&CC, New Delhi, EDS letter dated 17.03.2026, regarding proposed Forest land diversion for Muck Dumping & job facilities and project roads.

The earlier applied forest area diversion of 243.74 Ha has been revised to 207.171 Ha. with reduction in Dumping area and Projects roads.

We hereby undertake that all the required revised documentation with regard to 207.171 Ha forest area diversion will be submitted as part of FAC Stage-II compliance documentation.

We affirm that this undertaking is submitted in good faith and in compliance with the conditions prescribed for the project.

Yours Sincerely,

For- JSW Energy PSP Two Limited

Lalit Parab.
(Authorized Signatory)



Place: Igatpuri, Nashik

Date: 25th March 2026



Part of O.P. Jindal Group