



PROFESSIONAL INSURANCE SURVEYORS AND LOSS ASSESSORS PVT. LTD

Surveyors & Loss Assessors Phone : +91 - 44- 24466781 / 8589

SLA No. 72426/19-22 Mobile : +91 - 90251 62976

Valid till : 10-11-2022 Email : edpsam@psla.in

No.2, First Cross Street, Sastri Nagar, Adyar, Chennai - 600 020

Report No:172/FSR (MD)/ICICI/2019

25th September 2020

FINALSURVEY REPORT

(Claim No.FIR001798264)

Under instructions received from ICICI Lombard General Insurance Company Ltd., Mumbai, we, the undersigned Surveyors and Loss Assessors, visited CLP Wind farm, Khandke, Ahmednagar, Maharashtra on 07.08.2019 and carried out the survey of the damages to the WTG R40s-47 which are reported to have taken place 04.08.2019.

We now present our ***FINALSURVEY REPORT*** as under:

I. INSURANCE PARTICULARS:

1	The Insured	CLP Wind Farms (Khandke) Pvt Ltd. 7 th Floor,Fulcrum, Sahar Road, Andheri (east) Mumbai – 400099.
2	The Insurer	ICICI Lombard GIC Ltd, ICICI Lombard House, 2 nd Floor,414, P Balu Marg Off Veer Sawarkar Marg, Near SiddhiVinayak Temple, Prabhadevi,Mumbai-400025
3	Policy Type	Industrial All Risk Insurance Policy
4	Policy Number	1003/158100355/00/000
5	Period of Insurance	From 01/10/2018 to 30/09/2019
6	Risk Location Details	50.4 MW Wind Farm, spread across an area of Khandke, Ahmednagar, Maharashtra, India.

7	Sum Insured	I . MBD Section	
		Description	Sum Insured(INR)
		63 Enercon Make E-53 Model Windmills (Consisting of but not limited to foundation, Tower Structure, Plant & Machinery & Shared services) of capacity 0.8 MW each totaling to 50.4 MW.	2,551,500,000
		Stores & Spares and Consumables	50,000,000
		Total	2,601,500,000
8	Excess / Deductible	<u>Section I:</u> <ul style="list-style-type: none"> 5% of claim amount subject to minimum of INR 1 Million each and every loss. 	

II. **INSURED'S CLAIM:**

The Claim Form submitted by the Insured is attached as **Enclosure-1**.

The Insured have preferred a claim of **INR 46,72,800/-** towards reinstatement of the damaged blade(1 no) of WTG – R40s-47.

III. **OCCURRENCE:**

We were informed that on 04.08.2019 at around 04:00 hrs, the operating personnel observed an alarm in the SCADA Panel indicating a faulty signal from WTG R40s-47. Immediately, they rushed to the location to find out the problem. On reaching WTG R40s-47, they found that, due to lightning, tip of Blade B had got damaged and also broken piece of the blade were lying near the bottom of the WTG.

IV. **OUR INSPECTIONS AND OBSERVATIONS:**

We visited CLP Wind farm, Khandke, Ahmednagar, Maharashtra on 07.08.2019 and carried out the survey of the damages to the WTG R40s-47. The Insured's representative, Mr. Abdul Mufid was present during our survey.

❖ **Identification of WEG:**

WEG Make	Enercon India Ltd.
Model	800 KW
Location Number	137
Village	Khandke, Ahmednagar
Month / Year of Installation	03/2009

- ❖ During this visit, the WTG R40s-47, was not operating, due to breakdown.
- ❖ During our visit, we observed damage to only 1 no blade. We also observed the tip of Blade B in broken condition. The Insured had collected and kept the broken pieces of the blade safely inside the control room of the WTG. We inspected the broken blade tip and found soot marks on the blade.
- ❖ We also observed, the Insured has recorded the incident in WTG logbook.

Investigation Report is attached as **Enclosure – 2.**

Photograph CD is attached as **Enclosure –3.**

Log book for WTG is attached as **Enclosure – 4.**

Commissioning Certificate is attached as **Enclosure - 5.**

O & M Agreement between CLP Wind farm and Powercon is attached as **Enclosure – 6.**

V. OUR ASSESSMENT:

a) Quantification:

Based on our inspection and verification of the damaged items, the extent of loss was as under:

S. No.	Wind Turbine Identification	Identification of 1 No. of affected blade	
1	WTG R40K-47, Loc no.137	Manufacturer	Enercon India Ltd.
		Type	E53-1
		Blade Number	EIL-04681
		Blade name	B

b) Valuation:

The valuation has been done based on the Tax Invoice provided by the Insured. Final repair invoice along with proof of payment is attached as **Enclosure- 7.**

c) Salvage Value:

The only component of salvage in the WTG blade is the metallic flange which secures it to the Nacelle with bolts. Otherwise the blade is fabricated from fiber glass panels, which have no salvage value. We have considered a nominal salvage value of **Rs 1,000/-** towards this metallic flange, which in our opinion is fair & reasonable.

d) Assessment of the Loss:

- The Insured have replaced the affected blade and submitted a invoice for an amount for **INR 46,72,800/- (Inclusive of Tax)** towards the same. In the Tax Invoice submitted, the replacement cost of the blade has been stated as the Cost of “Technical Service” to Restore the Blade. However, we have confirmed that the damaged WTG blade has been replaced with a new one at this cost.
- Our Assessment for the insured claim is as under:

Sl.No	Description	Qty.	Unit	Unit Rate (INR)	Amount Claimed (INR)	Amount Assessed (INR)
1	Technical Service (Restore WTG R40s47 Khandke)	1	No.	39,60,000	39,60,000	39,60,000
	Tax @ GST 18%				7,12,800	7,12,800
	Total				46,72,800	46,72,800

- We have assessed the loss inclusive of GST , since the Insured is not eligible for input GST credit. Copy of Insured’s email dated 18.09.2020 confirming non-availability of GST input credit is attached as **Enclosure –8.**

VI. ADEQUACY OF SUM INSURED:

From the Insurance Policy, we observed that 63 Nos of Enercon (0.85MW) Make E-53 Model WTGS were Insured for INR 255,15,00,000/-. Thus, the Sum Insured of one WTG works out to Rs. 4.05 Crores. From market enquires, the present cost of Enercon 0.85 MW Model E-53 is found to be Rs. 4.00 Crores each. Hence, the Sum Insured provided is found to be adequate and hence there is no Under Insurance.

VII. POLICY EXCESS:

As per the Material Damage Section of the IAR policy held by the Insured, the excess is 5% of claim amount subject to minimum of INR 1 Million each and every loss.

VIII. FINAL LOSS ADJUSTMENT:

Description	Amount (Rs)
Amount Claimed by the Insured	46,72,800
Assessed Loss	46,72,800
LESS: Salvage	1,000
Loss net of Salvage	46,71,800
LESS: Underinsurance	NIL
Loss net of Underinsurance	46,71,800
LESS: Policy Excess 5% of claim amount subject to minimum of INR 1 Million each and every loss	10,00,000
Net Assessed Loss	36,71,800

IX. CAUSE OF LOSS:

As per the Investigation report submitted by the Insured, the damage to 1 number of Wind turbine blade had occurred due to impact of lightening.

X. ADMISSIBILITY OF INSURED'S CLAIM:

The peril that had acted, lightning, is one of the perils covered under the IAR Policy. Hence, the Insured has a valid and tenable claim under the IAR policy of Insurance issued to and held by them.

XI. COMPLIANCE WITH WARRANTIES:

Based on the observations made during our survey, we confirm that the Insured have complied with all the Warranties & Conditions of the IAR Policy issued to and held by them.

XII. ENCLOSURES:

1. Claim Form
2. Investigation Report
3. Photograph CD
4. Log book for WTG
5. Commissioning Certificate
6. O & M Agreement between CLP Wind farm and Powercon
7. Final repair invoice along with proof of payment
8. Copy of Insured's email dated 18.09.2020 confirming non-availability of GST input credit

*Issued **without prejudice** and subject to the terms, conditions and warranties of the policy of insurance issued to and held by the insured.*

For Professional Insurance Surveyors & Loss Assessors Pvt. Ltd.



EDWARD P SAMUEL
Director