



भारत सरकार/Government of India
विद्युत मंत्रालय/Ministry of Power
केन्द्रीय विद्युत प्राधिकरण/Central Electricity Authority
विद्युत प्रणाली अभियांत्रिकी एवं प्रौद्योगिकी विकास प्रभाग
Power System Engineering & Technology Development Division

दिनांक: .07.2026

सेवा में,

<As per attached list>

विषय: Advisory for encouraging the adoption of improved tower configurations and advanced conductor technologies for installation of transmission lines in forest areas, thereby reducing the requirement of forest areas as RoW- regd.

संदर्भ:

- (a) Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) amendment Regulations, 2025 vide Gazette notification dated 09.10.2025
- (b) Central Electricity Authority letter dated 08.07.2026
- (c) Ministry of Environment, Forest and Climate Change Guideline issued vide letter dated 03.07.2026

महोदया/महोदय,

You are kindly aware that Schedule VII of Regulation 84(4) of Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 stipulates RoW requirements of ACSR Conductors employed at various voltage levels on Lattice structures.

Subsequent to coming into force of above regulations, CEA has brought out a Report vide letter dated 24.09.2024 regarding reduction of Right-Of-Way (ROW) width through various technological options such as Lattice tower with HTLS conductor, Monopole Tower with ACSR/HTLS conductor.

The recommendations of the Report w.r.t. RoW requirements for various technological interventions have been subsequently incorporated in above CEA Regulations by amending the same after stakeholder consultations. These regulations [Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025] have been notified vide Gazette notification dated 09.10.2025, cited at **Reference (a)**, and are available in public domain/ CEA website.

CEA has also issued a letter dated 08.07.2026, cited at **Reference (b)**, to all the concerned stakeholders, for adoption of the amended Right of Way (RoW) requirements notified under the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025.

In this context, it is pertinent to mention here that MoEFCC vide their Guidelines issued on 03.07.2026, cited at **Reference (c)**, has also referred to the new RoW requirements for construction of transmission lines in forest areas for the new configuration of towers and conductors as prescribed in the Schedule VII of the Central Electricity Authority (Technical Standards for Construction of

Electrical Plants and Electric Lines) Amendment Regulations, 2025, notified on 09.10.2025, and asked all stakeholders to follow/ comply with the same. In view of the obvious benefits on account of reduction in RoW requirements in forest areas, MoEF also encourage all stakeholders to adopt and go for new technological innovations.

In view of the above, all the concerned stakeholders are requested to take necessary steps to ensure the adoption in compliance with the revised Right of Way (RoW) requirements for all applicable transmission line configurations prescribed under Schedule VII of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025, while planning and executing transmission line projects in forest areas.

Encl.: As above

Digitally signed by ^{भवदीय}
Kavita Jha
Date: 30-07-2026
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भवदीय / Kavita Jha
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केंद्रीय विद्युत प्राधिकरण अधिसूचना

नई दिल्ली, 9 अक्टूबर, 2025

फा. सं. सीईए-टीएच-17/1/2021-टीईटीडी प्रभाग—विद्युत अधिनियम, 2003 (2003 का 36) की धारा 177 की उप-धारा (3), विद्युत (पूर्व प्रकाशन की प्रक्रिया) नियम, 2005 के नियम 3 के उप-नियम (2) के साथ पठित, के अनुसार केंद्रीय विद्युत प्राधिकरण (विद्युत संयंत्रों और विद्युत लाइनों के निर्माण के लिए तकनीकी मानक) संशोधन विनियमन, 2025 के प्रारूप का विज्ञापन करने वाली सार्वजनिक सूचनाएँ छह समाचार पत्रों में प्रकाशित की गई थीं, जिससे, इससे प्रभावित होने वाले सभी व्यक्तियों से, उक्त प्रारूप विनियमों की प्रतियाँ जनता को उपलब्ध कराए जाने की तारीख से तीस दिन की अवधि के भीतर, आपत्तियाँ और सुझाव आमंत्रित किए जा सकें;

और समाचार पत्रों में विज्ञापित सार्वजनिक सूचना की प्रति, उक्त मसौदा विनियमों के साथ, 01 मई, 2025 को केंद्रीय विद्युत प्राधिकरण की वेबसाइट पर जनता के लिए उपलब्ध करा दी गई थी;

और उक्त मसौदा विनियमों पर जनता से प्राप्त आपत्तियों और सुझावों पर केंद्रीय विद्युत प्राधिकरण द्वारा विचार किया गया था;

अतः अब, केंद्रीय विद्युत प्राधिकरण, विद्युत अधिनियम, 2003 (2003 का 36) की धारा 177 की उप-धारा (2) के खंड (ड) के साथ पठित उक्त अधिनियम की धारा 73 के खंड (ख) के द्वारा प्रदत्त शक्तियों के अधीन, केंद्रीय विद्युत प्राधिकरण

6808 GI/2025

(1)

(विद्युत संयंत्रों और विद्युत लाइनों के निर्माण के लिए तकनीकी मानक) विनियमन, 2022 का संशोधन करने के लिए निम्नलिखित विनियम बनाता है, अर्थात्: -

1. संक्षिप्त नाम और प्रारंभ:- (1) इन विनियमों का संक्षिप्त नाम केंद्रीय विद्युत प्राधिकरण (विद्युत संयंत्रों और विद्युत लाइनों के निर्माण के लिए तकनीकी मानक) संशोधन विनियमन, 2025 है।
(2) ये राजपत्र में प्रकाशन की तारीख से लागू होंगे।
2. केंद्रीय विद्युत प्राधिकरण (विद्युत संयंत्रों और विद्युत लाइनों के निर्माण के लिए तकनीकी मानक), 2022 (जिसे इसमें इसके पश्चात् उक्त विनियम कहा गया है) में, विनियम 84 के उप-विनियम (4) में निम्नलिखित परन्तुक अंतःस्थापित किए जाएंगे, अर्थात्: -

“बशर्ते यदि कंडक्टर विन्यास या कंडक्टर प्रकार में परिवर्तन के कारण या नए प्रौद्योगिकीय विकल्पों के उपयोग के कारण विचारित राइट-ऑफ़-वे वैल्यू अनुसूची-7 में विनिर्दिष्ट राइट-ऑफ़-वे वैल्यू से भिन्न हैं, तो उन्हें कार्यान्वयन से पहले अनुमोदन के लिए प्राधिकरण को भेजा जाएगा:

परन्तु प्राधिकरण, समुचित विचार-विमर्श के पश्चात्, ऐसे प्रत्येक मामले के लिए उस संबंध में एक पृथक आदेश जारी करेगा।”

3. उक्त विनियमों में, अनुसूची-7 के स्थान पर, निम्नलिखित अनुसूची रखी जाएगी, अर्थात्:-

“अनुसूची -7

(विनियमन 84 का उप-विनियमन (4) देखें)

तालिका 1

सामान्य मार्ग, वन क्षेत्र, शहरी क्षेत्र, आबादी वाले क्षेत्र और ए सी एस आर कंडक्टर के साथ जाली संरचनाओं के लिए सबस्टेशन के पास पहुंच खंड के लिए राइट-ऑफ़-वे (आरओडब्ल्यू)

वोल्टेज स्तर	विन्यास	कंडक्टर प्रकार	भूखंड	डिज़ाइन स्पैन (मीटर)	स्ट्रिंग प्रकार	राइट-ऑफ़-वे (आरओडब्ल्यू) चौड़ाई (मीटर)
765केवी डी/सी	सीधा	एसीएसआर ज़ेबरा	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	67
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	300	"V"स्ट्रिंग	56
					टेंशन स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V"स्ट्रिंग टेंशन स्ट्रिंग	54
765केवी एस /सी	सीधा /डेल्टा	ए सी एस आर बरसिमिस	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	64
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	300	"V"स्ट्रिंग	54
					टेंशन स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V"स्ट्रिंग टेंशन स्ट्रिंग	52
765केवी एस	तिज	ए सी एस आर	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	74

/सी		बरसिमिस			"V"स्ट्रिंग टेंशन स्ट्रिंग	
					"V"स्ट्रिंग टेंशन स्ट्रिंग	
			वन	300	"V"स्ट्रिंग टेंशन स्ट्रिंग	65
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V"स्ट्रिंग टेंशन स्ट्रिंग	62
±800केवी एच वीडिीसी	क्षैतिज	ए सी एस आर लाप्विंग	बिना किसी बाधा के सामान्य मार्ग या वन या शहरी क्षेत्र	400	"Y"स्ट्रिंग	69
±500केवी एच वीडिीसी	क्षैतिज	ए सी एस आर लाप्विंग	बिना किसी बाधा के सामान्य मार्ग या वन या शहरी क्षेत्र	400	"V"स्ट्रिंग	52
400केवी डी/सी	सीधा	ए सी एस आर मूस	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	46
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	300	"V"स्ट्रिंग टेंशन स्ट्रिंग	40
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V"स्ट्रिंग	38
					टेंशन स्ट्रिंग	
400केवी एस /सी	क्षैतिज/ सीधा	ए सी एस आर मूस	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	52
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	300	"V"स्ट्रिंग टेंशन स्ट्रिंग	47
					"V"स्ट्रिंग	44
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	टेंशन स्ट्रिंग	
1200के वी	क्षैतिज	ए सी एस आर मूस	बिना किसी बाधा के सामान्य मार्ग या वन या शहरी क्षेत्र	400	"V"स्ट्रिंग	89
220केवी डी/सी	सीधा	ए सी एस आर ज़ेबरा	बिना किसी बाधा के सामान्य मार्ग	350	"I"स्ट्रिंग	32
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	300	"V"स्ट्रिंग टेंशन स्ट्रिंग	28
132केवी डी/सी	सीधा	ए सी एस आर पैंथर	बिना किसी बाधा के सामान्य मार्ग	320	"I"स्ट्रिंग	25
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	200	"V"स्ट्रिंग टेंशन स्ट्रिंग	21

			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	"V"स्ट्रिंग टेंशन स्ट्रिंग	19
110 के वी डी/सी	सीधा	ए सी एस आर पैथर	बिना किसी बाधा के सामान्य मार्ग	305	"I"स्ट्रिंग	22
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	200	"V"स्ट्रिंग टेंशन स्ट्रिंग	19
66के वी	सीधा	ए सी एस आर पैथर	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	"V"स्ट्रिंग	17
					टेंशन स्ट्रिंग	
					"I"स्ट्रिंग	
			वन	150	"V"स्ट्रिंग टेंशन स्ट्रिंग	14
66के वी	सीधा	ए सी एस आर पैथर	बिना किसी बाधा के सामान्य मार्ग	250	"I"स्ट्रिंग	18
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
			वन	150	"V"स्ट्रिंग टेंशन स्ट्रिंग	14
66के वी	सीधा	ए सी एस आर पैथर	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	100	"V"स्ट्रिंग	13
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			वन	150	"V"स्ट्रिंग टेंशन स्ट्रिंग	14

तालिका 2

सामान्य मार्ग, वन क्षेत्र, शहरी क्षेत्र / आबादी वाले क्षेत्र / ए सी एस आर कंडक्टर के साथ पोल संरचनाओं के लिए सबस्टेशन के पास पहुंच खंड के लिए राइट-ऑफ-वे (आरओडब्ल्यू)

वोल्टेज स्तर	विन्यास	कंडक्टर प्रकार	भूखंड	डिज़ाइन स्पैन (मीटर)	स्ट्रिंग प्रकार	राइट-ऑफ-वे (आरओडब्ल्यू) चौड़ाई (मीटर)
765 केवी एस /सी	सीधा डेल्टा	ए सी एस आर बरसिमिस	बिना किसी बाधा के सामान्य मार्ग	250	टेंशन स्ट्रिंग	52
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	46
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड		"V"स्ट्रिंग	
400 केवी डी/सी	सीधा	ए सी एस आर मूस	बिना किसी बाधा के सामान्य मार्ग	250	टेंशन स्ट्रिंग	36
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	31
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड		"V"स्ट्रिंग	
220 केवी डी/सी	सीधा	ए सी एस आर ज़ेबरा	बिना किसी बाधा के सामान्य मार्ग	350	टेंशन स्ट्रिंग	31
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	26
					"I"स्ट्रिंग	
220 केवी डी/सी	सीधा	ए सी एस आर ज़ेबरा	शहरी क्षेत्र या आबादी वाला क्षेत्र	200	टेंशन स्ट्रिंग	24
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	26
					"I"स्ट्रिंग	

			या सबस्टेशन के पास पहुंच खंड		"I"स्ट्रिंग "V"स्ट्रिंग	
132 केवी डी/सी	सीधा	ए सी एस आर चैंथर	बिना किसी बाधा के सामान्य मार्ग	325	टेंशन स्ट्रिंग	25
					"I"स्ट्रिंग	
			वन क्षेत्र	200	टेंशन स्ट्रिंग	20
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	टेंशन स्ट्रिंग	18
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
110 केवी डी/सी	सीधा	ए सी एस आर लिक्स	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	टेंशन स्ट्रिंग	16
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	

तालिका 3

एचटीएलएस कंडक्टर के साथ पोल संरचनाओं के लिए सामान्य मार्ग, वन क्षेत्र, शहरी क्षेत्र / आबादी वाले क्षेत्र / सबस्टेशन के पास पहुंच खंड के लिए राइट-ऑफ़-वे (आरओडब्ल्यू)

वोल्टेज स्तर	विन्यास	कंडक्टर प्रकार	भूखंड	डिज़ाइन स्पैन (मीटर)	स्ट्रिंग प्रकार	राइट-ऑफ़-वे (आरओडब्ल्यू) चौड़ाई (मीटर)
400 केवी डी/सी	सीधा	सी एफसी सी व्यास:31.7 7 मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	250	टेंशन स्ट्रिंग	34
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	29
			शहरी क्षेत्र / आबादी वाला क्षेत्र / सबस्टेशन के पास पहुंच खंड		"V"स्ट्रिंग	
400केवी डी/सी	सीधा	एसी एस एस व्यास:37.7 7मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	250	टेंशन स्ट्रिंग	39
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	33
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड		"V"स्ट्रिंग	
400केवी डी/सी	सीधा	गैप व्यास:29.9 मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	250	टेंशन स्ट्रिंग	37
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	31
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड		"V"स्ट्रिंग	
220केवी डी/सी	सीधा	सी एफसी सी व्यास:28.1 4मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	350	टेंशन स्ट्रिंग	26
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	23

			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	200	"I"स्ट्रिंग	22
					"V"स्ट्रिंग	
					टेंशन स्ट्रिंग	
					"I"स्ट्रिंग	
220केवी डी/सी	सीधा	एसी एस एस व्यास:28.0 4मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	350	टेंशन स्ट्रिंग	33
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	27
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	200	टेंशन स्ट्रिंग	25
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
220केवी डी/सी	सीधा	गैप व्यास:27.1 मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	350	टेंशन स्ट्रिंग	31
					"I"स्ट्रिंग	
			वन क्षेत्र	250	टेंशन स्ट्रिंग	26
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	200	टेंशन स्ट्रिंग	24
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
132 केवी डी/सी	सीधा	सी एफसी सी व्यास:21 मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	320	टेंशन स्ट्रिंग	22
					"I"स्ट्रिंग	
			वन क्षेत्र	200	टेंशन स्ट्रिंग	18
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	टेंशन स्ट्रिंग	17
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
132 केवी डी/सी	सीधा	एसी एस एस व्यास:20.5 मिलीमीटर	बिना किसी बाधा के सामान्य मार्ग	320	टेंशन स्ट्रिंग	26
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			वन क्षेत्र	200	टेंशन स्ट्रिंग	21
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	टेंशन स्ट्रिंग	19
					"I"स्ट्रिंग	
					"V"स्ट्रिंग	
132 केवी	सीधा	गैप	बिना किसी बाधा के सामान्य	320	टेंशन स्ट्रिंग	25

डी/सी		व्यास:20.6 0मिलीमीटर	मार्ग		"I"स्ट्रिंग	
			वन क्षेत्र	200	टेंशन स्ट्रिंग	20
					"I"स्ट्रिंग	
					"V" स्ट्रिंग	
			शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	टेंशन स्ट्रिंग	19
					"I"स्ट्रिंग	
"V" स्ट्रिंग						

तालिका 4

सामान्य मार्ग, वन क्षेत्र, शहरी क्षेत्र / आबादी वाले क्षेत्र / सबस्टेशन के पास पहुंच खंड के लिए जालीदार टॉवर संरचनाओं और एचटीएलएस कंडक्टर के लिए राइट-ऑफ-वे (आरओडब्ल्यू)

वोल्टेज स्तर (केवी)	विन्यास	कंडक्टर का प्रकार	भूखंड	डिज़ाइन अवधि (मीटर)	स्ट्रिंग प्रकार	राइट-ऑफ-वे (आरओडब्ल्यू) चौड़ाई (मीटर)
400 केवी डी/सी	सीधा	सीएफसीसी व्यास:31.77 मिमी	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	43
					"V" स्ट्रिंग	
					टेंशन स्ट्रिंग	
		एसीएसएस व्यास:37.77 मिमी	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	50
					"V" स्ट्रिंग	
					टेंशन स्ट्रिंग	
		जीएपी व्यास:29.9मिमी	बिना किसी बाधा के सामान्य मार्ग	400	"I"स्ट्रिंग	48
					"V" स्ट्रिंग	
					टेंशन स्ट्रिंग	
		सीएफसीसी व्यास:31.77 मिमी	वन	300	"V" स्ट्रिंग	38
					टेंशन स्ट्रिंग	
		एसीएसएस व्यास:37.77 मिमी	वन	300	"V" स्ट्रिंग	43
					टेंशन स्ट्रिंग	
220 केवी डी/सी	सीधा	सीएफसीसी व्यास:28.14 मिमी	बिना किसी बाधा के सामान्य मार्ग	350	"I"स्ट्रिंग	27
					"V" स्ट्रिंग	
					टेंशन स्ट्रिंग	

		एसीएसएस व्यास:28.04 मिमी	बिना किसी बाधा के सामान्य मार्ग	350	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	33
		जीएपी व्यास:27.1मिमी	बिना किसी बाधा के सामान्य मार्ग	350	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	31
		सीएफसीसी व्यास:28.14 मिमी	वन	300	"V" स्ट्रिंग टेंशन स्ट्रिंग	24
		एसीएसएस व्यास:28.04 मिमी	वन	300	"V" स्ट्रिंग टेंशन स्ट्रिंग	30
		जीएपी व्यास:27.1मिमी	वन	300	"V" स्ट्रिंग टेंशन स्ट्रिंग	28
		सीएफसीसी व्यास:28.14 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V" स्ट्रिंग टेंशन स्ट्रिंग	23
		एसीएसएस व्यास:28.04 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V" स्ट्रिंग टेंशन स्ट्रिंग	27
		जीएपी व्यास:27.1मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	250	"V" स्ट्रिंग टेंशन स्ट्रिंग	26
		सीएफसीसी व्यास: 21 मिमी	बिना किसी बाधा के सामान्य मार्ग	320	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	22
		एसीएसएस व्यास:20.5 मिमी	बिना किसी बाधा के सामान्य मार्ग	320	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	27
		जीएपी व्यास: 20.60 मिमी	बिना किसी बाधा के सामान्य मार्ग	320	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	26
		सीएफसीसी व्यास: 21 मिमी	वन	200	"V" स्ट्रिंग टेंशन स्ट्रिंग	19
132 केवी डी/सी	सीधा	एसीएसएस व्यास:20.5 मिमी	वन	200	"V" स्ट्रिंग टेंशन स्ट्रिंग	22
		जीएपी व्यास: 20.60 मिमी	वन	200	"V" स्ट्रिंग टेंशन स्ट्रिंग	21
		सीएफसीसी व्यास: 21 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	"V" स्ट्रिंग टेंशन स्ट्रिंग	18
		एसीएसएस व्यास:20.5 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	"V" स्ट्रिंग टेंशन स्ट्रिंग	20

66 केवी डी/सी	सीधा	जीएपी व्यास: 20.60 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	150	"V" स्ट्रिंग टेंशन स्ट्रिंग	19
		सीएफसीसी व्यास: 21 मिमी	बिना किसी बाधा के सामान्य मार्ग	250	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	16
		एसीएसएस व्यास: 20.5 मिमी	बिना किसी बाधा के सामान्य मार्ग	250	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	20
		जीएपी व्यास: 20.6 मिमी	बिना किसी बाधा के सामान्य मार्ग	250	"I" स्ट्रिंग "V" स्ट्रिंग टेंशन स्ट्रिंग	21
		सीएफसीसी व्यास: 21 मिमी	वन	150	"V" स्ट्रिंग टेंशन स्ट्रिंग	13
		एसीएसएस व्यास: 20.5 मिमी	वन	150	"V" स्ट्रिंग टेंशन स्ट्रिंग	16
		जीएपी व्यास: 20.6 मिमी	वन	150	"V" स्ट्रिंग टेंशन स्ट्रिंग	14
		सीएफसीसी व्यास: 21 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	100	"V" स्ट्रिंग टेंशन स्ट्रिंग	12
		एसीएसएस व्यास: 20.5 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	100	"V" स्ट्रिंग टेंशन स्ट्रिंग	14
		जीएपी व्यास: 20.6 मिमी	शहरी क्षेत्र या आबादी वाला क्षेत्र या सबस्टेशन के पास पहुंच खंड	100	"V" स्ट्रिंग टेंशन स्ट्रिंग	13

टिप्पण: (क) डी/सी: दोहरा सर्किट; एस/सी: इकहरा सर्किट;

(ख) कार्बन फाइबर कम्पोजिट कोर (सीएफसीसी) के लिए, सैंग की गणना 180 ° से. पर की जाती है; एल्युमीनियम कंडक्टर स्टील सपोर्ट (एसीएसएस) के लिए, सैंग की गणना 250 ° से. पर की जाती है; गैप-टाइप एल्युमीनियम कंडक्टर स्टील रीइन्फोर्स (जीएपी कंडक्टर) के लिए, सैंग की गणना 210 ° से. पर की जाती है।

(ग) आरओडब्ल्यू चौड़ाई निर्धारित करने की प्रक्रिया के दौरान, सभी विद्युत मंजूरी और सुरक्षा पैमाने जिनमें न्यूनतम लाइव मेटल क्लीयरेंस, ग्राउंड क्लीयरेंस, सतह ढाल, कोरोना हानि, रेडियो इंटरफेरेंस वोल्टेज (आरआईवी), श्रव्य शोर और पृथ्वी तार और कंडक्टर के बीच न्यूनतम मध्य-स्पैन पृथक्करण, विद्युत चुम्बकीय क्षेत्र (ईएमएफ यानी प्रेरित वोल्टेज आदि) एक्सपोजर सीमाएं और टावर संरचना के लिए डिजाइन विचार शामिल हैं, सुसंगत मानकों और केंद्रीय विद्युत प्राधिकरण विनियमों के अनुसार होंगे।

(घ) उपरोक्त तालिकाओं में, "वन", "शहरी", "आबादी" और "सबस्टेशन के पास पहुंच खंड" शब्दों को पारिषण लाइनें बिछाने के लिए पारिषण कॉरिडोर (राइट-ऑफ-वे (आरओडब्ल्यू) कॉरिडोर) की उपलब्धता में अत्यधिक कठिनाई के संदर्भ में समझा जाएगा।

(ङ) ध्रुव संरचना किसी भी आकार की हो सकती है। इसे साधारणतया एक पतला खोखला गोलाकार या षट्कोणीय या अष्टकोणीय या बहु-पक्षीय स्टील ट्यूब या पाइप माना जा सकता है। इसमें मोनो-पोल संरचना और द्वि-पोल संरचना दोनों शामिल हैं।

राकेश कुमार, सचिव

[विज्ञापन-III/4/असा./404/2025-26]

टिप्पण: मूल विनियमन भारत के राजपत्र, असाधारण, भाग 3, खंड 4 में अधिसूचना संख्या सीईए-टीएच-17/1/2021-टीईटीडी डिजीजन, तारीख 23 दिसंबर, 2022 द्वारा प्रकाशित किए गए थे।

CENTRAL ELECTRICITY AUTHORITY NOTIFICATION

New Delhi, the 9th October, 2025

F No. CEA-TH-17/1/2021-TETD Division. — Whereas public notice advertising the draft of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025, was published in six newspaper dailies, as required by sub-section (3) of section 177 of the Electricity Act, 2003 (36 of 2003) read with sub-rule (2) of rule 3 of the Electricity (Procedure for Previous Publication) Rules, 2005, for inviting objections and suggestions from all persons likely to be affected thereby, within the period of thirty days, from the date on which the copies of the said draft regulations were made available to the public;

And whereas copy of the public notice as advertised in the newspapers and the said draft regulations were made available to the public on the website of the Central Electricity Authority on 01st May, 2025;

And whereas the objections and suggestions were received from the public on the said draft regulations were considered by the Central Electricity Authority;

Now, therefore, in exercise of the powers conferred under clause (e) of sub-section (2) of section 177 of the Electricity Act, 2003 (36 of 2003) read with clause (b) of section 73 of the said Act, the Central Electricity Authority hereby makes the following regulations to amend the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022, namely:

1. Short title and commencement.- (1) These regulations may be called the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025.
(2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines), 2022 (hereinafter referred to as the said regulations), in sub-regulation (4) of regulation 84, the following provisos shall be inserted, namely : -

“Provided that if the considered Right-of-Way values are different from the specified Right-of-Way values in SCHEDULE-VII, due to change in conductor configuration or conductor type or due to use of new technological options, the same shall be referred to the Authority for approval before implementation:

Provided further that the Authority, after due consideration, shall issue a separate order in that regard for each of such cases.”

3. In the said regulations, in the SCHEDULE-VII for SCHEDULE-VII, the following SCHEDULE shall be substituted, namely:-

“SCHEDULE-VII

(See sub-regulation (4) of regulation 84)

Table 1

Right-of-Way (RoW) for normal route, forest area, urban area, populated area and approach section near substation for Lattice Structures with ACSR conductor

Voltage level	Configuration	Conductor type	Terrain	Design Span(m)	String Type	Right-of-Way (RoW)
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						width(m)
765kV D/C	Vertical	ACSR ZEBRA	Normal route without constraint	400	"I" String	67
					"V" String	
					Tension String	
			Forest	300	"V" String	56
					Tension String	
			Urban area or populated area or approach section near substation	250	"V" String	54
765kV S/C	Vertical /Delta	ACSR BERSIMIS	Normal route without constraint	400	"I" String	64
					"V" String	
					Tension String	
			Forest	300	"V" String	54
					Tension String	
			Urban area or populated area or approach section near substation	250	"V" String	52
765kV S/C	Horizontal	ACSR BERSIMIS	Normal route without constraint	400	"I" String	74
					"V" String	
					Tension String	
			Forest	300	"V" String	65
					Tension String	
			Urban area or populated area or approach section near substation	250	"V" String	62
±800kV HVDC	Horizontal	ACSR Lapwing	Normal route without constraint or Forest or Urban area	400	"Y" String	69
±500kV HVDC	Horizontal	ACSR Lapwing	Normal route without constraint or Forest or Urban area	400	"V" String	52
400kV D/C	Vertical	ACSR MOOSE	Normal route without constraint	400	"I" String	46
					"V" String	
					Tension String	
			Forest	300	"V" String	40
					Tension String	
			Urban area or populated area or approach section near substation	250	"V" String	38
400kV S/C	Horizontal/ Vertical	ACSR MOOSE	Normal route without constraint	400	"I" String	52
					"V" String	
					Tension String	
			Forest	300	"V" String	47
					Tension String	
			Urban area or populated area or approach section near substation	250	"V" String	44
1200kV	Horizontal	ACSR Moose	Normal route without constraint or Forest or Urban area	400	"V" String	89
220kV D/C	Vertical	ACSR ZEBRA	Normal route without constraint	350	"I" String	32
					"V" String	
					Tension String	
			Forest	300	"V" String	28
					Tension String	
			Urban area or populated area or approach section near substation	200	"V" String	24
132kV D/C	Vertical	ACSR PANTHER	Normal route without constraint	320	"I" String	25
					"V" String	
					Tension String	
					"V" String	21

10 kV D/C	Vertical	ACSR PANTHER	Forest	200	Tension String	19
			Urban area or populated area or approach section near substation	150	"V" String	
			Normal route without constraint	305	Tension String	
					"I" String	
					"V" String	
			Forest	200	Tension String	22
66 kV	Vertical	ACSR PANTHER	Urban area or populated area or approach section near substation	150	"V" String	17
			Normal route without constraint	250	Tension String	
					"I" String	
					"V" String	
			Forest	150	Tension String	18
			Urban area or populated area or approach section near substation	100	"V" String	14
						13

Table 2
Right-of-Way (RoW) for Normal Route, Forest Area, Urban Area or Populated Area or Approach Section near Substation for Pole Structures with ACSR conductor

Voltage Level	Configuration	Conductor type	Terrain	Design Span (m)	String Type	Right-of-Way (RoW) width (m)
765 kV S/C	Vertical DELTA	ACSR BERSIMIS	Normal route without constraints	250	Tension String	52
					"I" String	
			Forest area	250	Tension String	46
			Urban area or Populated area or approach section near substation		"V" String	
400 kV D/C	Vertical	ACSR MOOSE	Normal route without constraint	250	Tension String	36
					"I" String	
			Forest area	250	Tension String	31
			Urban area or Populated area or approach section near substation		"V" String	
220 kV D/C	Vertical	ACSR ZEBRA	Normal route without constraint	350	Tension String	31
					"I" String	
			Forest area	250	Tension String	26
					"I" String	
					"V" String	24
			Urban area or	200	Tension String	
					"I" String	

			Populated area or approach section near substation		"V" String	
132 kV D/C	Vertical	ACSR Panther	Normal route without constraint	325	Tension String	25
					"I" String	
			Forest area	200	Tension String	20
					"I" String	
					"V" String	
			Urban area or Populated area or approach section near substation	150	Tension String	18
					"I" String	
					"V" String	
110 kV D/C	Vertical	ACSR Lynx	Urban area or Populated area or approach section near substation	150	Tension String	16
					"I" String	
					"V" String	

Table 3

Right-of-Way (RoW) for Normal Route, Forest Area, Urban Area or Populated Area or Approach Section near Substation for Pole Structures with HTLS conductor

Voltage Level	Configuration	Conductor type	Terrain	Design Span (m)	String Type	Right-of-Way (RoW) width (m)
400 kV D/C	Vertical	CFCC Dia:31.77m m	Normal route without constraint	250	Tension String	34
					"I" String	
			Forest area	250	Tension String	29
			Urban area or Populated area or approach section near substation		"V" String	
400kV D/C	Vertical	ACSS Dia:37.77m m	Normal route without constraint	250	Tension String	39
					"I" String	
			Forest area	250	Tension String	33
			Urban area or Populated area or approach section near substation		"V" String	
400kV D/C	Vertical	GAP Dia:29.9mm	Normal route without constrain	250	Tension String	37
					"I" String	
			Forest area	250	Tension String	31
			Urban area or Populated area or approach section near substation		"V" String	

220kV D/C	Vertical	CFCC Dia:28.14m m	Normal route without constraint	350	Tension String	26
					"I" String	
					"V" String	
			Forest area	250	Tension String	23
					"I" String	
					"V" String	
			Urban area or Populated area or approach section near substation	200	Tension String	22
					"I" String	
					"V" String	
220kV D/C	Vertical	ACSS Dia:28.04m m	Normal route without constraint	350	Tension String	33
					"I" String	
					"V" String	
			Forest area	250	Tension String	27
					"I" String	
					"V" String	
			Urban area or Populated area or approach section near substation	200	Tension String	25
					"I" String	
					"V" String	
220kV D/C	Vertical	GAP Dia:27.1mm	Normal route without constraint	350	Tension String	31
					"I" String	
					"V" String	
			Forest area	250	Tension String	26
					"I" String	
					V String	
			Urban area or Populated area or approach section near substation	200	Tension String	24
					"I" String	
					"V" String	
132 kV D/C	Vertical	CFCC Dia:21 mm	Normal route without constraint	320	Tension String	22
					"I" String	
					"V" String	
			Forest area	200	Tension String	18
					"I" String	
					"V" String	
			Urban area or Populated area or approach section near substation	150	Tension String	17
					"I" String	
					"V" String	
132 kV D/C	Vertical	ACSS Dia:20.5 mm	Normal route without constraint	320	Tension String	26
					"I" String	
					"V" String	
			Forest area	200	Tension String	21
					"I" String	
					"V" String	
			Urban area or Populated area or approach section near	150	Tension String	19
					"I" String	
					"V" String	

			substation		"T" String	
					"V" String	
132 kV D/C	Vertical	GAP Dia:20.60m m	Normal route without constraint	320	Tension String	25
					"T" String	
			Forest area	200	Tension String	20
					"T" String	
					"V" String	
			Urban area or Populated area or approach section near substation	150	Tension String	19
					"T" String	
					"V" String	

Table 4

Right-of-Way (RoW) for Normal Route, Forest Area, Urban Area or Populated Area or approach
Section near Substation for Lattice Tower Structures and HTLS conductor

Voltage level (kV)	Configuration	Conductor type	Terrain	Design Span (m)	String Type	Right-of- Way (RoW) width (m)
400 kV D/C	Vertical	CFCC Dia:31.77mm	Normal route without constraint	400	"I" string	43
					"V" String	
					Tension String	
		ACSS Dia:37.77mm	Normal route without constraint	400	"I" string	50
					"V" String	
					Tension String	
		GAP Dia:29.9 mm	Normal route without constraint	400	"I" string	48
					"V" String	
					Tension String	
		CFCC Dia:31.77mm	Forest	300	"V" String	38
					Tension String	
		ACSS Dia:37.77mm	Forest	300	"V" String	43
					Tension String	
220 kV D/C	Vertical	GAP Dia:29.9mm	Forest	300	"V" String	41
					Tension String	
		CFCC Dia:31.77mm	Urban or Populated or approach section near substation	250	"V" String	35
					Tension String	
		ACSS Dia:37.77mm	Urban or Populated or approach section near substation	250	"V" String	40
					Tension String	
		GAP Dia:29.9mm	Urban or Populated or approach section near substation	250	"V" String	38
					Tension String	
	Vertical	CFCC Dia:28.14mm	Normal route without constraint	350	"I" string	27
					"V" String	
					Tension String	
		ACSS Dia:28.04mm	Normal route without constraint	350	"I" string	33
					"V" String	
					Tension String	
		GAP Dia:27.1mm	Normal route without constraint	350	"I" string	31
					"V" String	
		CFCC	Forest	300	"V" String	24

		Dia:28.14mm			Tension String	
		ACSS Dia:28.04mm	Forest	300	"V" String	30
		GAP Dia:27.1mm	Forest	300	"V" String	28
		CFCC Dia:28.14mm	Urban or Populated or approach section near substation	250	"V" String	23
		ACSS Dia:28.04mm	Urban or Populated or approach section near substation	250	"V" String	27
		GAP Dia:27.1mm	Urban or Populated or approach section near substation	250	"V" String	26
132 kV D/C	Vertical	CFCC Dia:21 mm	Normal route without constraint	320	"I" string	22
					"V" String	
					Tension String	
		ACSS Dia:20.5 mm	Normal route without constraint	320	"I" string	27
					"V" String	
					Tension String	
		GAP Dia:20.60mm	Normal route without constraint	320	"I" string	26
					"V" String	
					Tension String	
		CFCC Dia:21 mm	Forest	200	"V" String	19
					Tension String	
		ACSS Dia:20.5 mm	Forest	200	"V" String	22
					Tension String	
		GAP Dia:20.60mm	Forest	200	"V" String	21
					Tension String	
		CFCC Dia:21 mm	Urban or populated or approach section near substation	150	"V" String	18
					Tension String	
		ACSS Dia:20.5 mm	Urban or populated or approach section near substation	150	"V" String	20
					Tension String	
		GAP Dia:20.60mm	Urban or populated or approach section near substation	150	"V" String	19
					Tension String	
66 kV D/C	Vertical	CFCC Dia: 21 mm	Normal route without constraint	250	"I" string	16
					"V" String	
					Tension String	
		ACSS Dia: 20.5 mm	Normal route without constraint	250	"I" string	20
					"V" String	
					Tension String	
		GAP Dia: 20.6 mm	Normal route without constraint	250	"I" string	21
					"V" String	
					Tension String	
		CFCC Dia: 21 mm	Forest	150	"V" String	13
					Tension String	
		ACSS Dia: 20.5 mm	Forest	150	"V" String	16
					Tension String	
		GAP Dia: 20.6 mm	Forest	150	"V" String	14
					Tension String	
		CFCC Dia:21 mm	Urban or Populated or approach section near	100	"V" String	12
					Tension String	

		substation			
	ACSS Dia: 20.5 mm	Urban or Populated or approach section near substation	100	"V" String Tension String	14
	GAP Dia: 20.6 mm	Urban or Populated or approach section near substation	100	"V" String Tension String	13

Note: (a) D/C: double circuit; S/C: single circuit;

(b) for Carbon Fiber Composite Core (CFCC), Sag is calculated at 180 °C; for Aluminum Conductor Steel Supported (ACSS), Sag is calculated at 250 °C; for Gap-type Aluminum Conductor Steel Reinforced (GAP conductor), Sag is calculated at 210 °C.

(c) during the process of determining Right-of-Way (RoW) width, all the electrical clearances and safety parameters including minimum live metal clearance, ground clearance, surface gradient, corona loss, Radio Interference Voltage (RIV), Audible Noise and minimum mid-span separation between earth wire and conductor, Electromagnetic Field (EMF i.e. induced voltages etc.) exposure limits and design consideration for tower structure, shall be as per relevant standards and Central Electricity Authority regulations.

(d) in the above Tables, the terms, "Forest", "Urban", "Populated", and "Approach Section Near Substation" shall be understood in the context of extreme difficulty in the availability of transmission corridor [Right-of-Way (RoW) corridor] for laying transmission lines.

(e) pole structure may be in any shape. It may be generally considered as a tapered hollow circular or hexagonal or octagonal or multiple-side steel tube or pipe and it includes both mono pole structure and twin-pole structure."

RAKESH KUMAR, Secy.

[ADVT.-III/4/Exty./404/2025-26]

Note: The principal regulations were published in the Gazette of India, Extraordinary, Part III, Section 4, vide notification No. CEA-TH-17/1/2021-TETD Division, dated the 23rd December, 2022.

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YADAVA

Digitally signed by GORAKHA
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सत्यमेव जयते

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विद्युत मंत्रालय/Ministry of Power
केन्द्रीय विद्युत प्राधिकरण/Central Electricity Authority
विद्युत प्रणाली अभियांत्रिकी एवं प्रौद्योगिकी विकास प्रभाग
Power System Engineering & Technology Development Division

दिनांक: .07.2026

सेवा में,

<As per attached list>

विषय: Adoption of the amended Right of Way (RoW) requirements notified under the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025- regd.

महोदया/महोदय,

You are kindly aware that Schedule VII of Regulation 84(4) of Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Regulations, 2022 stipulates with RoW requirements of ACSR Conductors employed at various voltage levels on Lattice structures.

Subsequent to coming into force of above regulations, CEA has brought out a Report vide letter dated 24.09.2024 regarding reduction of Right-Of-Way (ROW) width through various technological options such as Lattice tower with HTLS conductor, Monopole Tower with ACSR/HTLS conductor.

The recommendations of the Report w.r.t. RoW requirements for various technological interventions have been subsequently incorporated in above CEA Regulations by amending the same after stakeholder consultations. These regulations [Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025] have been notified vide Gazette notification dated 09.10.2025, and are available in public domain/ CEA website (copy enclosed).

It is requested that the same be circulated widely to all concerned, and take steps for their adoption & compliance please.

Encl.: As above

Digitally signed by
Kavita Jha
Date: 08-07-2026
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अवधोदय,

प्रवर्तिता/ (Kavita Jha)

निदेशक/ Director

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File No. 11/47/2023-FC
 Government of India
 Ministry of Environment, Forest and Climate Change
 (Forest Conservation Division)

Indira Paryavaran Bhawan,
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Dated: 03-07-2026

To

The Addl. Chief Secretaries of Forests/Principal Secretary (Forests),
 All States Governments and Union Territory Administrations.

Sub: Amendment of the Right-of-Way (RoW) requirements as per Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025 in the guidelines issued under the Van (Samrakshan Evam Samvardhan) Adhiniyam, 1980, regarding.

Madam/Sir,

I am directed to inform that the Central Electricity Authority has revised the Right-of Way (RoW) requirements for construction of transmission lines in forest areas as specified in Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025. As per the provisions of amended Technical Standards, the RoW in the forest areas has been reduced due to latest technological interventions. The advancements in technology have led to the adoption of improved tower and pole designs requiring smaller wing spans, reduced tower footing areas, and narrower RoW corridors. These technologies have the potential to reduce RoW requirements in forest areas by up to 20%, thereby significantly minimizing tree felling and the overall impact on forest ecosystems. The matter was discussed and considered by the Advisory Committee in its meeting held on 10.06.2026. The minutes of the meeting of the Advisory Committee may kindly be accessed at <https://parivesh.nic.in/>.

Based on the recommendation of the Advisory Committee and approval of the said recommendations by the competent authority of MoEF&CC, New Delhi, the Central Government hereby issues the following guidelines related to Right of Way for construction of transmission lines in the forest areas:

1. The new RoW requirement for construction of transmission lines in forest areas for the new configuration of towers and conductors shall be followed as prescribed in the Schedule VII of the Central Electricity Authority (Technical Standards for Construction of Electrical Plants and Electric Lines) Amendment Regulations, 2025, notified on 09.10.2025 (copy enclosed).
2. In case of construction of transmission lines using existing/older configuration of towers and conductors, the exiting guidelines

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prescribed for RoW for older configuration will continue.

3. The Ministry of Power shall issue appropriate advisories/guidelines to all States/UTs and power transmission agencies for encouraging the adoption improved tower configurations and advanced conductor technologies for new installation of transmission lines in forest areas, thereby reducing the requirement of forest areas as RoW. Thereafter, the existing Right of Way (RoW) prescribed for old configuration of towers and conductors in the forest areas under the Consolidated Guidelines shall be discontinued and replaced by the revised RoW standards.

This issues with the approval of competent authority.

Yours faithfully,

Digitally signed by
Charan Jeet Singh
Date: 03-07-2026
17:50:47

Sd/-
(Charan Jeet Singh)
Scientist 'E'

Copy to:

1. The Secretary, Ministry of Power, Government of India.
2. The Chairman, Central Electricity Authority, Ministry of Power, Sewa Bhawan, R.K. Ruram, New Delhi.
3. Principal Chief Conservator of Forests & HoFF, All States Government and Union Territory Administrations.
4. Dy. Director General of Forests (Central), all Regional Offices of the MoEF&CC.
5. Nodal Officers, dealing with the matters related to the Van (Sanrakshan Evam Samvardhan) Adhinyam, 1980, All States Government and Union Territory Administrations.
6. Director (Technical), NIC, MoEF&CC with a request to upload the Guidelines on PARIVESH.