

## RTI REQUEST DETAILS

<b>Registration No. :</b>	PGCIL/R/2019/80059	<b>Date of Receipt :</b>	21/05/2019
<b>Transferred From :</b>	Ministry of Power on 21/05/2019 With Reference Number : POWER/R/2019/80174		
<b>Remarks :</b>	The application is transferred under Section 6(3) of RTI Act, 2005.		
<b>Type of Receipt :</b>	Electronically Transferred from Other Public Authority	<b>Language of Request :</b>	English
<b>Name :</b>	Sathish Kumar S	<b>Gender :</b>	Male
<b>Address :</b>	91-C, KuttaiKadu Thottam,, Elachipalayam, Karumathampatti(po),, Coimbatore, TamilNadu., Pin:641659		
<b>State :</b>	Tamilnadu	<b>Country :</b>	India
<b>Phone No. :</b>	+91-9965512528	<b>Mobile No. :</b>	+91-9965512528
<b>Email :</b>	sathish2528@gmail.com		
<b>Status(Rural/Urban) :</b>	Rural	<b>Education Status :</b>	Graduate
<b>Letter No. :</b>	Details not provided	<b>Letter Date :</b>	Details not provided
<b>Is Requester Below Poverty Line ? :</b>	No	<b>Citizenship Status :</b>	Indian
<b>Amount Paid :</b>	0 (RTI fee is received by <b>Ministry of Environment, Forest and Climate Change (original recipient)</b> )	<b>Mode of Payment :</b>	Payment Gateway
<b>Request Pertains to :</b>			
<b>Information Sought :</b>	<p>Respected sir/madam</p> <p>a) Are there any Research/study reports about effects of Non-Ionizing Radiation/Electromagnetic Fields in HV Power lines(230kV-800kv) related to public Health Issues or related topics,</p> <p>b) If yes, kindly provide the details of such Research study report/s, Copies of its/their Recommendations, Reports, Circulated Papers, Circulated Reports, etc., which are being submitted &amp; available with your office</p> <p>c) As people living near the high voltage transmission lines we have experienced electric current while standing beneath the power lines. Also we have seen that Fluorescent lights starts glowing without any power supply while standing under or nearby the line (ref pg no 1 of attachment) <a href="https://youtu.be/g4rqCYGD418">https://youtu.be/g4rqCYGD418</a> Please let us know whether this phenomenon is safe to humans, animals, plants and the environment.</p> <p>d) In World Cancer Report by WHO, in page no 148, quoted that, (ref page no 2-4, of attachments) Cancer risk Studies have been conducted in residential settings by investigating cancer risk in relation to the nearest overhead high-voltage power lines and the resulting magnetic</p>		

fields, as well as in occupational settings that involve electrical work. Epidemiological studies have consistently recorded a positive association of extremely low-frequency magnetic fields with child-hood leukaemia, with an apparently 2-fold higher risk at average 24-hour exposure levels exceeding 0.3-0.4 uT

<https://www.who.int/peh-emf/publications/facts/fs322/en/>

But we can see magnetic fields measured under 400kV HV Power Transmission line is around 32.2 mG, so 3.22 uT (ref page no 5, 6 of attachments). Please give your opinion on this issue. Please clarify that Long-Term Living under HV Power Transmission line (230kV-800kV) is safe or not safe for human health

e) What is the effect of the EMF from high voltage power lines on plant growth and yield. There are some research papers regarding the same which shows a negative outcome. (ref page no 7 of attachments)

Those researches are under 110kV and 230kV. What would be under 400kV and 800kV

Please give your valued opinion on this issue

f) What is the effect of the EMF from high voltage power lines on animal growth fertilization and yield. There are some research papers regarding the same which shows a negative outcome. Please give your valued opinion on this issue

g) Recently in TamilNadu there was a report about apparent death after electrocution injury from a high voltage line. Is this possible and can this happen (ref page no 8 of attachments)

h) What is the safe distance from HV Power Transmission line (230kv-800kV) to Human long-term living

I request you to kindly provide the above Information sought in English Language, as I am here from the State of Tamil Nadu. And I also request you to kindly provide me with the certified copy of the above details. I am also willing to pay the additional Cost of Copies of the Details

With Regards,  
S.Sathish Kumar  
Cbe

**Original RTI Text :** Respected sir/madam

a) Are there any Research/study reports about effects of Non-Ionizing Radiation/Electromagnetic Fields in HV Power lines(230kV-800kv) related to public Health Issues or related topics,

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attachments)

Cancer risk

Studies have been conducted in residential settings by investigating cancer risk in relation to the nearest overhead high-voltage power lines and the resulting magnetic fields, as well as in occupational settings that involve electrical work. Epidemiological studies have consistently recorded a positive association of extremely low-frequency magnetic fields with child-hood leukaemia, with an apparently 2-fold higher risk at average 24-hour exposure levels exceeding 0.3-0.4 uT

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