

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**  
**VIDYUT SOUDHA :: VIJAYAWADA**

**Circular Memo:CE(TELECOM&IT)/ SE/IT & ERP/DE/IT/D.No.104/17/Dt.31.05.2017**

Sub: APTRANSCO - I.T-Wing – Critical Advisory issued by CERT (Indian Computer Emergency Response Team) on spreading of dangerous Ransomware – Preventive Measures suggested for Ransomware attacks – Reg.

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The ITE &C Department, communicated a Critical Advisory issued by CERT ( Indian Computer Emergency Response Team), Govt of India, Ministry of Electronics and Information Technology on spreading of dangerous Ransomware called “WannaCry”. The Specific Counter-measures to prevent Wannacry/ WannaCrypt Ransomware are available at <http://www.aptransco.gov.in>

2. The aforesaid Ransomware WannaCrypt or WannaCry encrypts the computer's hard disk drive and then spreads laterally between computers on the same LAN. The Ransomware also spreads through malicious attachments to e-mails. In order to prevent infection, **it is advised to apply patches to Windows systems as suggested, which are available at [https:// technet.microsoft.com/en-us/library/security/ms17-010.aspx](https://technet.microsoft.com/en-us/library/security/ms17-010.aspx)** for downloading.

3. The following measures are advised to prevent Ransomware attacks:

- Maintain Updated Antivirus Software on all systems.
- Keep the Operating Systems, applications up-to-date with the latest patches.
- Perform Regular Backups of all critical information to limit the impact of data or system loss and to help expedite the recovery process.
- This data should be kept on a separate device, and backup should be stored offline.
- Isolating Pcs running on windows XP & other versions prone for attacks from the LAN as a precautionary measure.
- Don't open attachments in unsolicited emails even if they come from people in contact list and never click on a URL contained in an unsolicited email, even if the link seems benign. In cases of genuine URLs, close out the email and go to the organization's website directly through browser.
- Ensure the web browsers are secured enough with appropriate content controls.
- Disable Remote Desktop Connections, employ least-privileged accounts.
- Not to download and install/run unwanted software applications.

- Enable personal firewalls on all computers.
  - Restrict usage of External Device [USB drive - Pendrive etc.] to ensure security of data.
4. Incase of emergency please contact AMC personnel at Vidyut Soudha, Vijayawada & Hyderabad.
5. All the functional heads are directed to follow the aforesaid measures scrupulously to ensure data security and healthiness of IT Infrastructure and report Compliance.

*S. Ananda Rao*

**Chief Engineer/Telecom & IT**

To:

All Chief Engineers/ HODs of Vidyut Soudha and Field/ APTRANSCO.

Copy to:

PS to CMD/ APTRANSCO/VS/Vijayawada.

PS to JMD (Finance, Comml.,IPC,HRD & IT) /APTRANSCO/ VS/Vijayawada.

PS to JMD (Vigilance & Security) /APTRANSCO/ VS/Vijayawada.

PS to Director (Projects)/APTRANSCO/ VS/Vijayawada.

PS to Director (Transmission& Grid Operation)/APTRANSCO/ VS/Vijayawada.