The TVR: a free sample

A taste of the TVR printables: a Nancy vs Caen chart, the front-end drawing and a French glossary.



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SAMPLE CHART

Nancy vs Caen at a glance

Excerpt from the TVR Comparison Charts

Not the sports car. This TVR is the French *Transport sur Voie Réservée*, a guided tram on rubber tyres that ran in Nancy and Caen. It has nothing to do with the British sports-car maker with the same initials.

	NANCY	CAEN
Fleet	25 vehicles CGEDD 2010	24 vehicles CGEDD 2010
Route	11 km, 60% guided CGEDD 2010	14.8 km, all guided CGEDD 2010
Power	Trolleybus type CGEDD 2010	Tram type CGEDD 2010
TVR-line journeys a year (2010)	10 million, 39% of network CGEDD 2010	12.3 million, 46% of network CGEDD 2010
Last day	12 March 2023 CBW 2023	Start of 2018 CAEN LA MER 2019
Replaced by	HESS trolleybuses GRAND NANCY HESS AG	Steel-wheeled tram CAEN LA MER 2019

Journeys a year on the TVR line (millions)



Fares as a share of costs

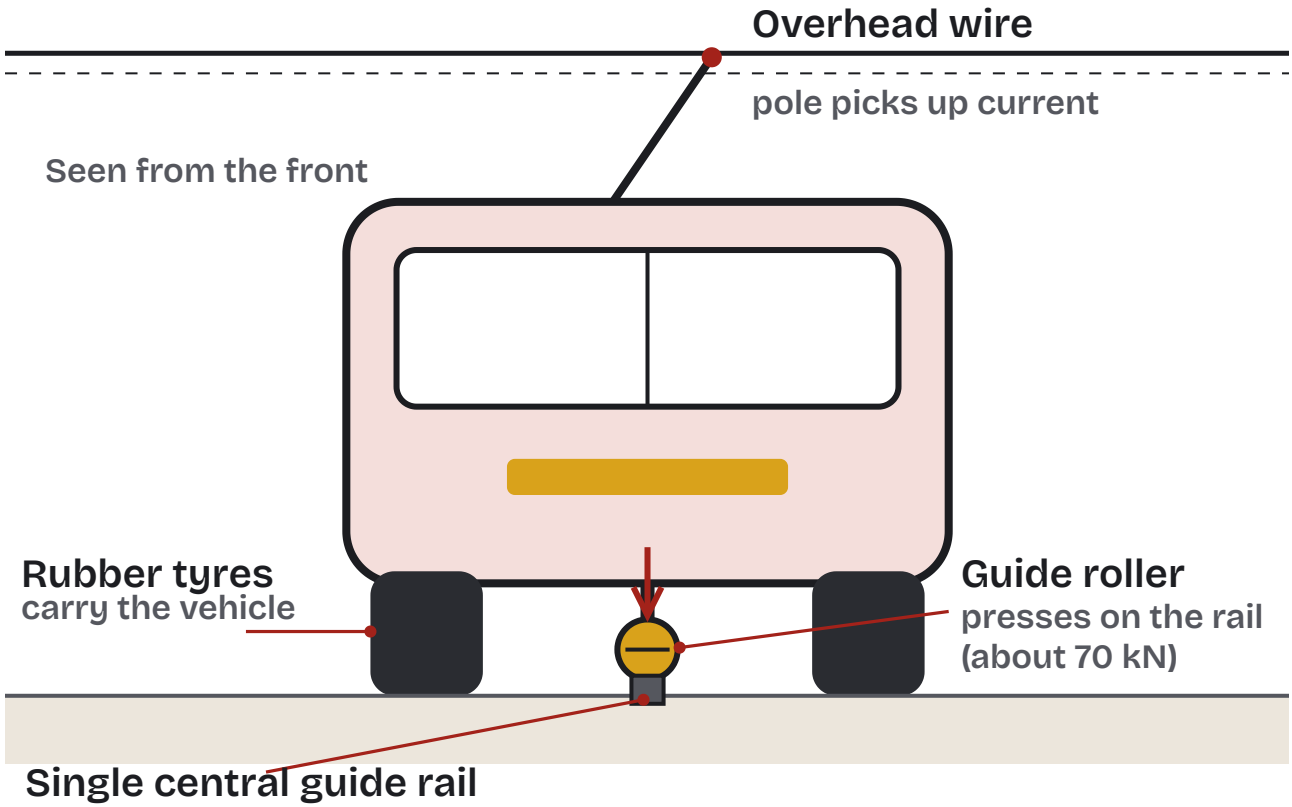


NOTES

SAMPLE DRAWING

The front of a TVR, end on

Excerpt from How the TVR Worked



Simplified teaching drawing, not to scale. Our own work, labelled only with sourced facts.

Each axle had a frame at the front and the back, ending in a grooved roller that ran along the central rail, pressed down by air and steel springs with a force of about 70 kN. The front roller was joined to the steering. As it followed the rail into a curve, it turned that axle's wheels. CGPC 2003

A loss of guidance was not like a tram leaving its rails: the TVR stayed steady on its rubber tyres and kept all its braking. It could not simply be steered away, though, because the pressure of the guide roller stopped the steering from working. CGPC 2003

SAMPLE GLOSSARY

Eight French words for reading the reports

Excerpt from The TVR Reference Guide (25 terms in the full guide)

FRENCH	IN ENGLISH
Transport sur Voie Réservée	transport on a reserved track
mode guidé / mode routier	guided mode / road mode
galet	roller
perte de guidage	loss of guidance
rame	one vehicle
caténaire	overhead wire
site propre	reserved right of way
AOTU	urban transport authority

THE FULL TVR PRINTABLES

- **The TVR Reference Guide** ($5.99): The whole story with a who's who, French glossary, report reading guide and source disagreements.
- **How the TVR Worked** ($4.99): Ten own technical diagrams: roller, axle, modes, tolerances, braking, power and a wear map.
- **TVR Comparison Charts** ($4.99): Nancy vs Caen, TVR vs Translohr vs Civis, prices, lifespans, and the trams and trolleybuses that replaced it.
- **The TVR Engineering Casebook & Timeline** ($4.49): 24 case cards of faults and fixes, the 2002–03 incident register and an annotated timeline.
- **TVR Display Posters** ($3.99): Eight frame-ready wall posters with photos, drawings and key facts.
- **TVR Field Notes & Self-Test** ($3.99): Visit sheets for Nancy and Caen, then-and-now log, myths vs facts and a 30-question test.
- **The Complete TVR Printables Bundle** ($12.99): all six packs plus a bundle guide.

Find them on the shop page at tvr.motoring.im.

Credits, licence & sources

The small print, kept short

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PHOTOS

FILE	AUTHOR	LICENCE	SOURCE PAGE
Caen tramway and castle I.jpg	Smiley.toerist	CC BY-SA 3.0	commons.wikimedia.org/wiki/File:Caen_tramway_and_castle_I.jpg

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OUR DRAWINGS

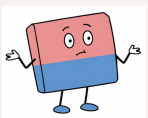
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WHERE THE FACTS COME FROM (CHECKED 9 NOVEMBER 2026)

Every fact in this pack was written in our own words and checked against the source pages below on 9 November 2026; the small red labels in the text show which source each fact comes from. Where good sources disagree, we show each one rather than picking a winner. Things that can change, such as where a vehicle is displayed or museum opening details, are given with that date: check before you travel.

CGEDD 2010 · French government (CGEDD) report on the Caen and Nancy TVR networks, July 2010 (PDF, in French): igedd.documentation.developpement-durable.gouv.fr/documents/Affaires-0006005/006782-01_rapport-final.pdf
CBW 2023 · CBW magazine: Nancy TVRs retired (21 March 2023): cbwmagazine.com/nancy-tvrs-retired/
Caen la mer 2019 · Caen la mer: press pack for the new tramway's opening, July 2019 (PDF, in French): caenlamer.fr/sites/caenlamer/files/2020-09/DP%20inauguration%20tramway.pdf
Grand Nancy · Métropole du Grand Nancy: the new Line 1 trolleybus (in French): www.grandnancy.eu/se-deplacer/actualite-ligne-1
HESS AG · HESS AG: Successful commissioning in Nancy (2025): www.hess-ag.ch/company/news/news-detail/news/detail/News/successful-commissioning-in-nancy.html?L=2&cHash=0ce94e806bdc7d8dadc1db88ced4833e
CGPC 2003 · French government (CGPC) expert report on the TVR guidance system in Nancy and Caen, 2003 (PDF, in French): igedd.documentation.developpement-durable.gouv.fr/documents/Affaires-0003986/2002-0264-01.pdf

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Free articles, myths vs facts and every source: tvr.motoring.im