

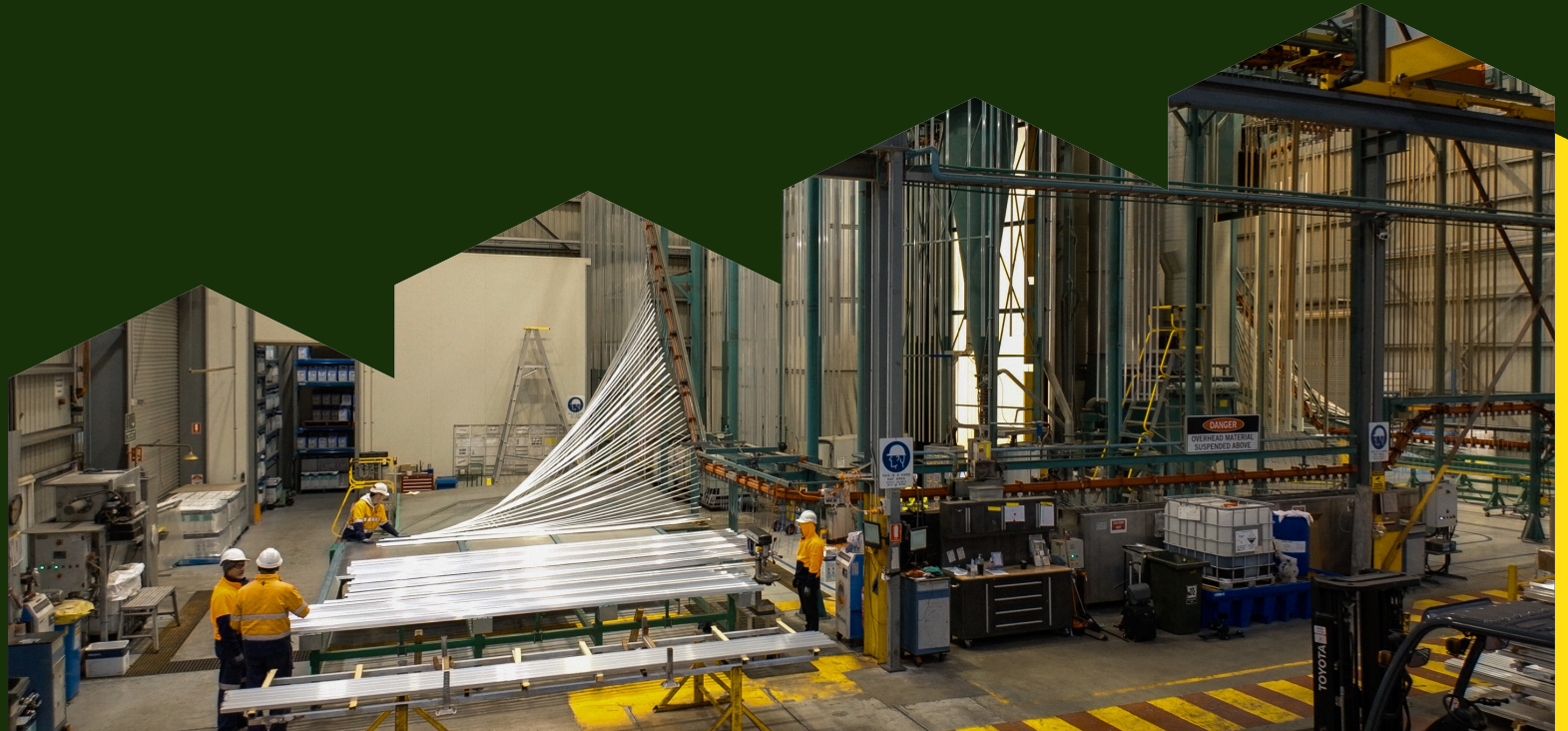
From Abundance to Crisis

Australian Perspective on Energy Intensive Manufacturing

Ben Eade, CEO
Manufacturing Australia



Made better together.



Australia's Energy Endowment

Uranium Reserves

Largest globally • 29% of world total

LNG Exports

World's largest exporter • 81.4 Mt in 2022

Coal Reserves

3rd largest globally • 14% of world total

Solar & Wind

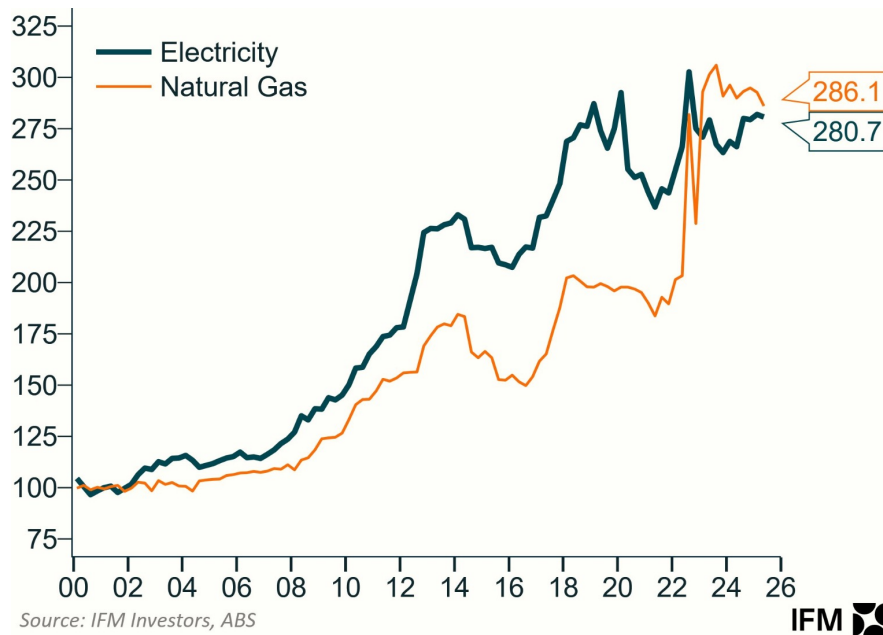
World-class resources • Vast land availability

"Australia exports 7x more coal, 4x more gas than it consumes"



The Price of Dysfunction

Energy input costs: manufacturing



+200%

Gas Price Increase

2015: \$4-5/GJ → 2024: \$12-14/GJ

2-3x

Electricity Costs

Higher than global competitors

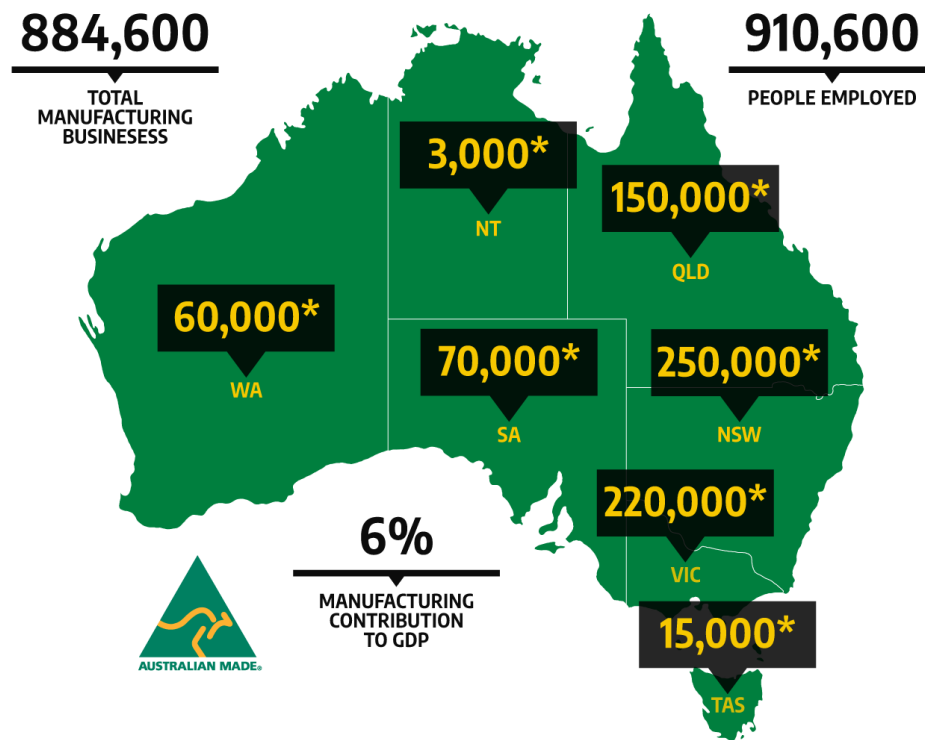
+50-100%

vs USA

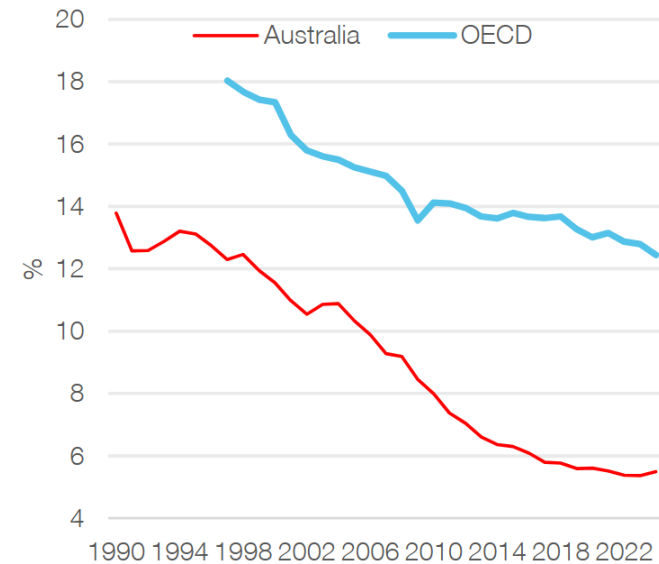
Compared to US manufacturers



Manufacturing Capabilities Declining



Value added from manufacturing
% share of GDP



Source: World Bank



AUSTRALIA'S ENERGY POLICY FAILURE

Media Snapshot 2024-2025

THE AUSTRALIAN

ENERGY CRISIS ENDS UP ON YOUR BILL

May 26, 2025

FINANCIAL REVIEW

MANUFACTURING COMPETITIVENESS AT RISK

June 2025

MANUFACTURING AUSTRALIA

FAIR GAS PRICES CAMPAIGN LAUNCHED

October 2025

THE SPECTATOR

AUSTRALIA'S ENERGY POLICY BADLY UNSTUCK

November 21, 2024

FARM ONLINE

ENERGY-RICH AUSTRALIA NOW PAYS DOUBLE

August 1, 2025

MANUFACTURING TODAY

HIGH POWER PRICES BRUTALLY PUNISHING INDUSTRY

September 2025

INDEPENDENT AUSTRALIA

POWER SHORTAGE CRISIS LOOMING 2027

August 6, 2025

Australian Manufacturing Energy Crisis | © Manufacturing Australia 2024

MACROBUSINESS

FAILED ENERGY SYSTEM CRASHES ECONOMY

March 18, 2025



Electricity: Narrowing our Options

Closing or challenged

Coal-fired generation

High emissions, undermaintained, scheduled for closure

Nuclear generation

Illegal in Australia

Hydro-electricity

Limited by geography, major project cost blowouts

What's left?

Wind and Solar

World's best resources and land but build is costly and slow

Gas firming (expensive)

High gas price driving high electricity price

Batteries

Can't yet provide competitively priced, long duration storage

Australia's energy transition is high risk. Will it be high reward?

Potential supply shortfalls forecast starting 2025-26

Australian manufacturing growth in the USA



**AUSTRALIAN
GAS PRICES
ARE COSTING
US OUR
MANUFACTURING.**

**LET'S PUT AUSTRALIANS FIRST.
FAIRGASPRICES.ORG.AU**

Authorised by B. Eade, Manufacturing Australia Ltd, Level 1, The Realm, 18 National Cct, Barton ACT 2600



“

It will mean one of the greatest public policy failures this country has had if we end up having, in eastern Australia, what could genuinely be called an energy crisis, with huge rises in prices and blackouts

”

Hon John Howard AC, Former Prime Minister of Australia