The NEM Review – a strategic treatment plan

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AFR Energy Summit 2017



One year ago

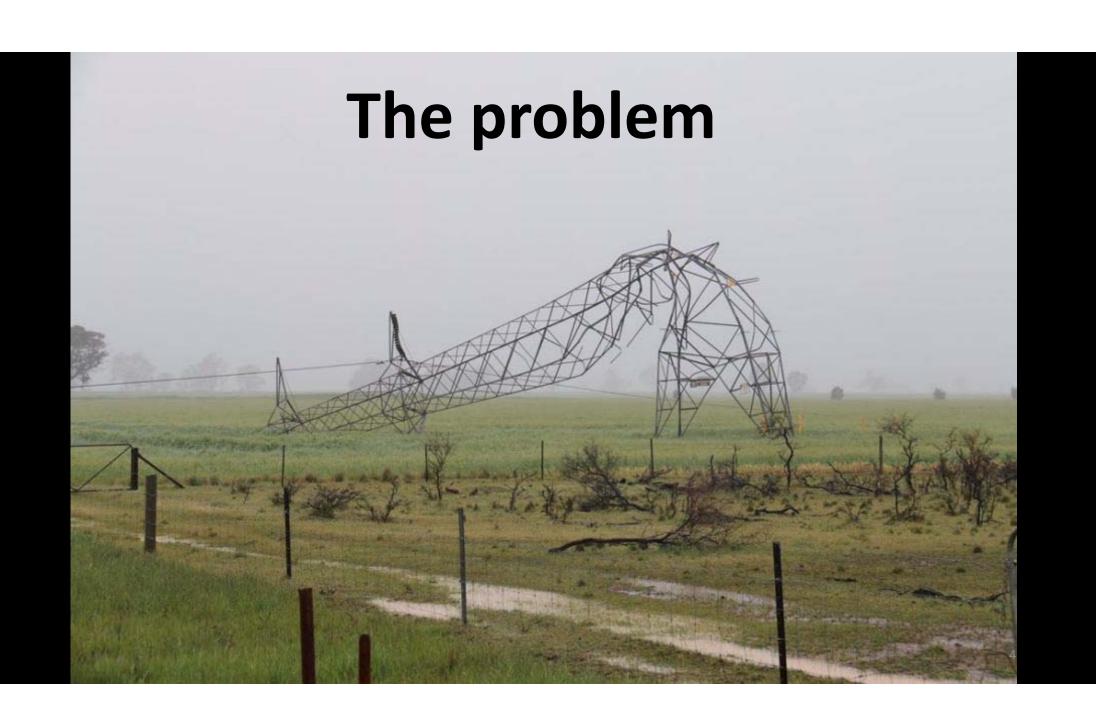
October 2016										
Mon	Tue	Wed	Thu	Fri	Sat	Sun				
26	27	28 ×	29	30	1	2				
3	4	5	6	7	8	9				
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17	18	19	20	21	22	23				
24	25	26	27	28	29	30				
31	1	2	3	4	5	6				

One year later

October 2017										
Mon	Tue	Wed	Thu	Fri	Sat	Sun				
25	26	27	28	29	30	1				
2	3	4	5	6	7	8				
9	10	11	12	13	14	15				
16	17	18	19	20	21	22				
23	24	25	26	27	28	29				
30	31	1	2	3	4	5				



49/50 recommendations accepted



Step 1: Stop the bleeding



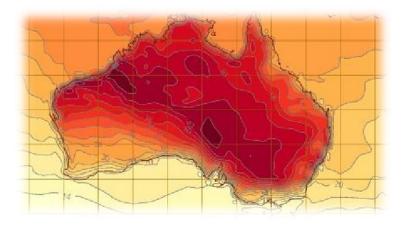
Preparing for summer

Independent response

- AEMO preparations increased
- State governments established task forces

Review response: recommendation 1.1

- Independent evaluation of forecast methodology
- Independent evaluation of upcoming actual forecasts



Step 2: Diagnose the problem

Consulted widely...

More than

120 meetings

with stakeholders

More than 390

submissions

A review of best practice from International Energy Agency

Consultation

sessions attended

by 450 people

Met with **operators** and **regulators** across Europe and the US

Step 2: Diagnose the problem

Conclusion...



- Very high prices
- Very high emissions
- Reliability and security concerns

Comprehensive treatment plan required

- Physical
- Psychological

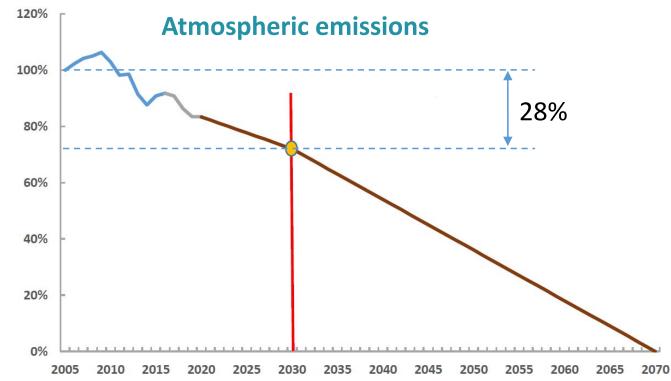


Step 3: Prescribe treatment – the red pill



Orderly Transition (Recommendation 3.2, the last of 50)

- 1) Agreement to a **trajectory**
 - Not a fixed target
 - No mention of renewables
- 2) A <u>mechanism</u> to get there
 - Clean Energy Target
- 3) Three year *notice of closure*
 - provides market-pull signal to encourage new generation



Step 3: Prescribe treatment – the blue pill



Generator Reliability Obligation (Recommendation 3.3)



Need to know new generators can deliver when needed

Investor's choice:

- Pumped hydro, generators, batteries...
- Owned or contracted...
- Must be <u>new</u>

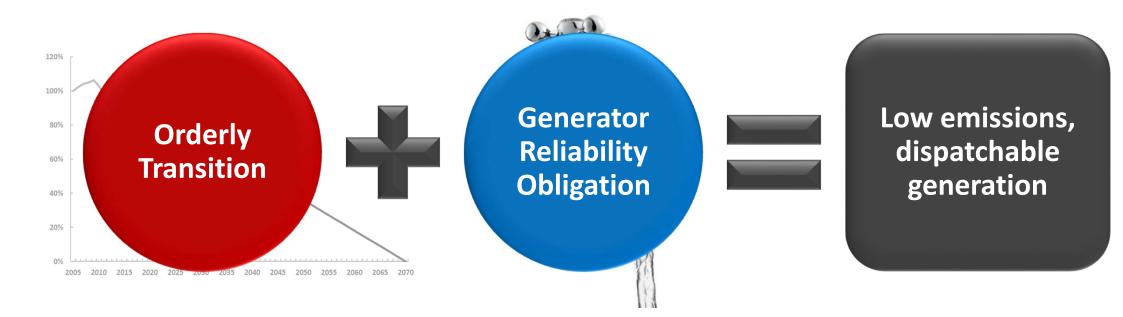
Forward looking

Regionally determined

Step 3: Prescribe treatment – combination therapy

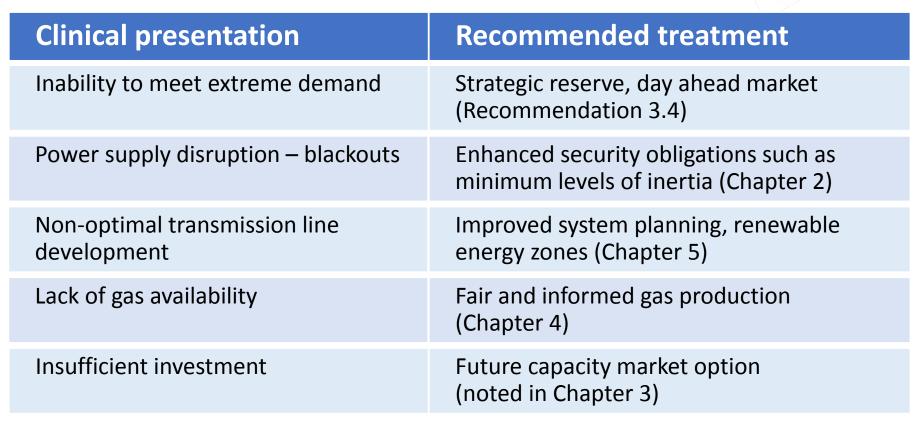






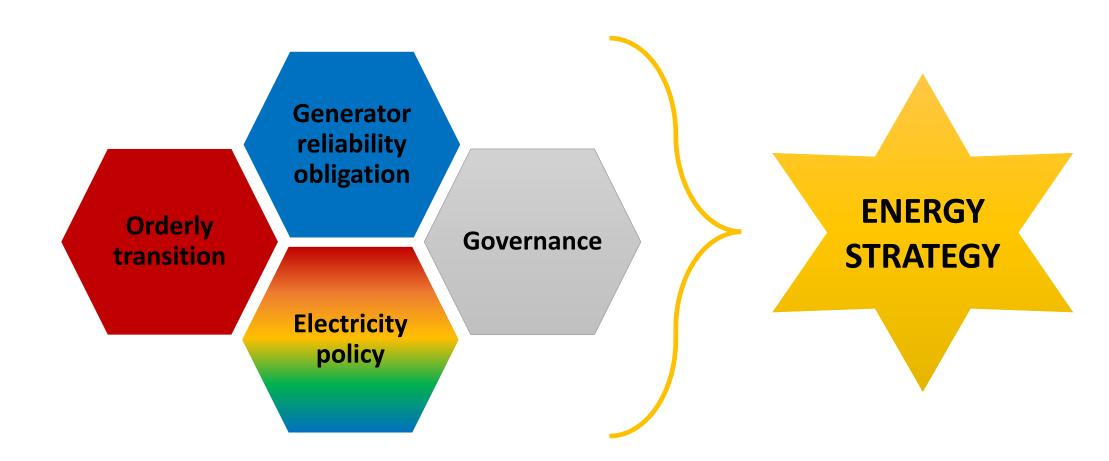
Step 3: Prescribe treatment – the multicolour pill

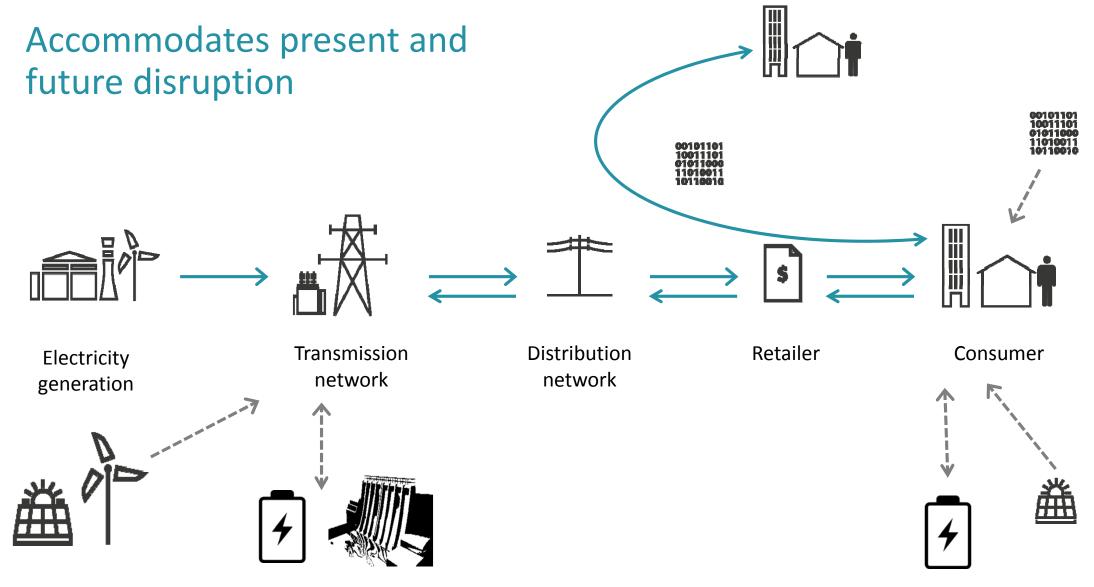
Comprehensive electricity policy



Step 3: Prescribe treatment – the white pill Governance **COAG Energy** Council **Energy Security Board** Rule Maker Regulator Operator (AEMC) (AEMO) (AER)

Finkel Review strategic treatment plan

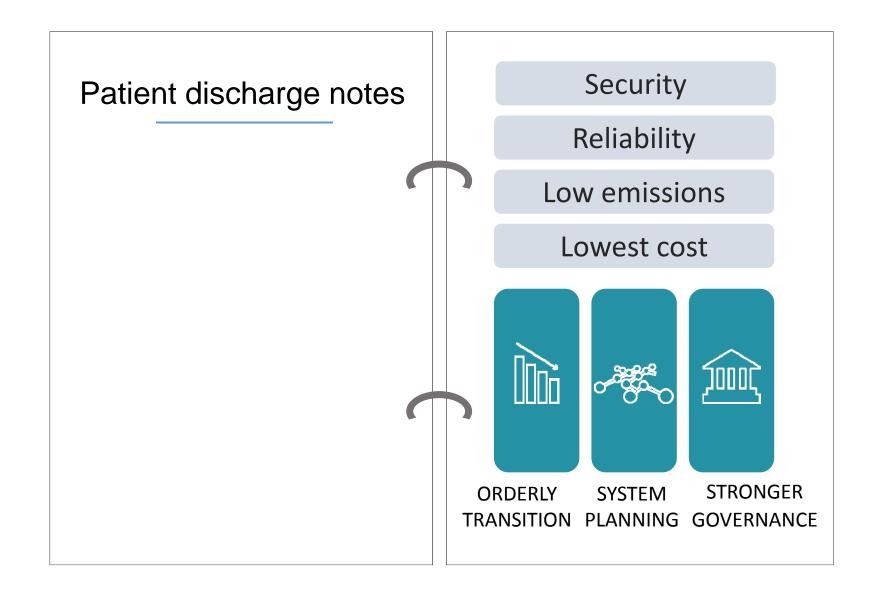




There's no going back...







Patient discharge notes

Prognosis

Full recovery expected within three years!