



HVDC Power · Sovereign Fibre · Water Conduit · Gas + H Pipeline · Freight Rail x3 · Maglev 500+km/h · Hyperloop Slot · LPG Pipeline — one pylon, one build, one continent

8

Services per corridor  
One pylon. Everything.

0

Tunnels required  
vs 115km HSRA

108GW

HVDC capacity  
Desert solar to every city

\$88B

Phase 0 volume cost  
11 services vs HSRA's 1

## THE PROBLEM — THREE INFRASTRUCTURE FAILURES THE HSRA MAKES WORSE

### FRAGMENTED ENERGY & FREIGHT

Australian industrial power: \$100-150/MWh, among the highest on earth. No national HVDC backbone. No desert solar connection. No electrified east coast freight. Diesel road freight at

### NO NATIONAL WATER SPINE

The Murray-Darling is over-allocated and declining. Government buybacks strip Farrer farmers of irrigation entitlements. Meanwhile the north floods every wet season and the water runs

### \$93B FOR ONE SERVICE

The HSRA response: spend \$93B on a single passenger tunnel for six coastal Labor electorates. Opens 2042. BCR unquantifiable per Infrastructure Australia. No freight. No water. No

## THE SBC SOLUTION — 11 SERVICES · ONE PYLON · ONE MOBILISATION · BUILT ONCE

### SERVICE 1 — HVDC POWER · 108GW

108GW at ±1,100kV per corridor. Six HVDC lines. 3% loss per 1,000km. Desert solar precincts every 200km. Power at 6c/kWh to every mine gate, farm and corridor town.

### SERVICE 2 — SOVEREIGN FIBRE

96 fibre ducts alongside every kilometre of corridor. Gigabit broadband to every corridor town. Terabit backbone connecting Darwin to Singapore at 20ms latency.

### SERVICE 3 — WATER CONDUIT

1m community pipe in Phase 0 — spur connections to towns within 50km. Upgrades to full aqueduct in Phase 1. Northern monsoon water stored in Alice Hub at 550m, gravity-fed south.

### SERVICE 4 — GAS + H PIPELINE

H-ready X80 steel pipeline. Interlinks every Australian gas field — NW Shelf, Beetaloo, Cooper Basin, Gippsland, Otway — plus PNG import via underwater connector. Target: 10c/GJ national gas price.

### SERVICE 5 — ELECTRIFIED FREIGHT x3

Three standard gauge electrified freight tracks per corridor. Double-stack hi-cube capable. 1,800m trains. First electrified freight network in Australian history.

### SERVICE 6 — MAGLEV · 500+KM/H

Electromagnetic suspension. No contact, no friction, no track wear. SCMaglev world record 603km/h. Melbourne–Brisbane ~3hrs 53min. Phase 0 opens ~2030.

### SERVICE 7 — HYPERLOOP SLOT

6m structural slot reserved between freight and maglev levels at zero extra construction cost. When hyperloop matures — 900–1,000km/h — the corridor is ready. No demolition, no new land, no new approvals.

### SERVICE 8 — LPG PIPELINE

Liquefied petroleum gas distribution to corridor towns and industrial users along every route. Marginal cost on the existing pylon structure — the pipe goes up because the pylon is already there.

### THE COMPOUND VALUE

Each service is more valuable because the others exist. HVDC powers the water pump. Water makes towns viable. Fibre enables sovereign compute export. Gas and LPG supply the Spaceport and industry. Remove one and the others are diminished. Together they transform Australia.

**EIGHT SERVICES vs ONE — THE CHOICE BEFORE 2028**

TODAY — THE FRAGMENTED FAILURE	SBC — THE INTEGRATED SOLUTION
Household power: 28–35c/kWh. No desert solar grid. Grid split across six state systems.	<b>HVDC: 108GW at ±1,100kV. 6c/kWh to every mine gate, farm and corridor town.</b>
NBN: copper and fixed wireless in most regional areas. Farrer towns underserved.	<b>Sovereign Fibre: 96 ducts to every corridor town. Gigabit broadband. Terabit backbone.</b>
Murray-Darling over-allocated and declining. Northern monsoon water runs into the sea.	<b>Water Conduit: 1m pipe Phase 0, full aqueduct Phase 1. Alice Hub 550m gravity-fed south.</b>
No national gas pipeline. Eastern states pay world export price for their own gas.	<b>Gas + H■ Pipeline: all fields interlinked + PNG import. Target 10c/GJ national price.</b>
No electrified freight on east coast. Road: 12–15c/tonne/km. All diesel. All carbon.	<b>Freight Rail x3: three electrified tracks. Double-stack capable. First in Australian history.</b>
No high-speed rail. Sydney–Melbourne studied 40 years, never built. HSRA: \$93B, 2042.	<b>Maglev 500+km/h: Melbourne–Brisbane ~3hrs 53min. Opens ~2030 — 12 years before HSRA.</b>
No provision for future transport. New hyperloop corridor would need entirely new land.	<b>Hyperloop Slot built in at zero extra cost. Ready when technology matures. No new land.</b>
LPG: bottled or trucked to regional towns and industry. High cost, supply risk.	<b>LPG Pipeline: distribution to every corridor town and industry at marginal cost.</b>
HSRA: \$93B for 1 service. BCR “not possible to assess” per Infrastructure Australia.	<b>SBC Phase 0: \$88B volume for 8 services. Opens ~2030. Revenue from Month 20.</b>
Eight critical services provided separately if at all. No single build. No compounding value.	<b>Eight services on one pylon. One easement. One mobilisation. Each makes the others stronger.</b>

*“Eleven services. One structure. One mobilisation. Modular, repeatable, no tunnels. The complete foundations of a modern continental economy — built once, built right, built for the next hundred years.” — MMP Federal Platform*

**★ VOTE 1 — BRETT MURRELL — FARRER — SATURDAY 9 MAY 2026 ★**

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