



QLD<->NSW Trucking

'Things you already know'



Point-1



you already know that:

a BEV has **80~90% lower running costs** in terms of maintenance.

and the only 'fuel' cost is energy - ie. buying electricity from the grid OR building **solar farms to get energy for FREE from the sun...**

BEV:
Battery Electric Vehicle

Point-2

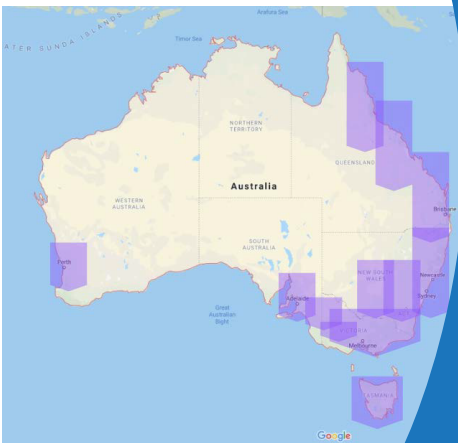


you already know that:

the **charging speed of a BEV is now in-line with the speed of pumping fuel** into a tank

(ie. a 7min stop every 2hrs in a car, or, a 20min stop every 4hrs in a Tesla SEMI Truck)

Point-3



you already know that:

the only thing 'stopping' all trucks from going to BEV TODAY is;

a) time to supply [typical order **lead time from Tesla** on any BEV is **6~18-months**]

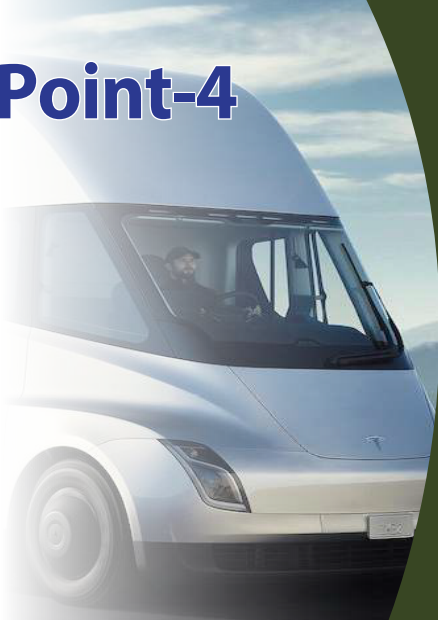
&

b) the charging systems need to exist -- if you buy a Tesla car, you can go to any location marked in purple on this map (left)

With 'zero' wait time...

The charging systems for SEMI trucks only need to be every 400KM as the **SEMI can go for 800KM** from 100% charge.

Point-4



you already know that:

for **every truck you have doing interstate runs** [QLD->NSW->ACT->VIC w/20~36-Tonne] and **160,000KM PA.**

Your running cost is: \$240,000 per year

this is:

38% 'driver' salary (\$92K gross cost)

43% Diesel (\$104K)

(A) 6.5% Maintenance [excluding brakes/tyres] (\$16K)

(B) 3.5% Brake-pad replacements (\$8.5K) - NOTE: This is a NIL cost on a BEV

(C) 4% New Tyres (\$10K)

(D) 5% Rego and insurance (\$13K)

