



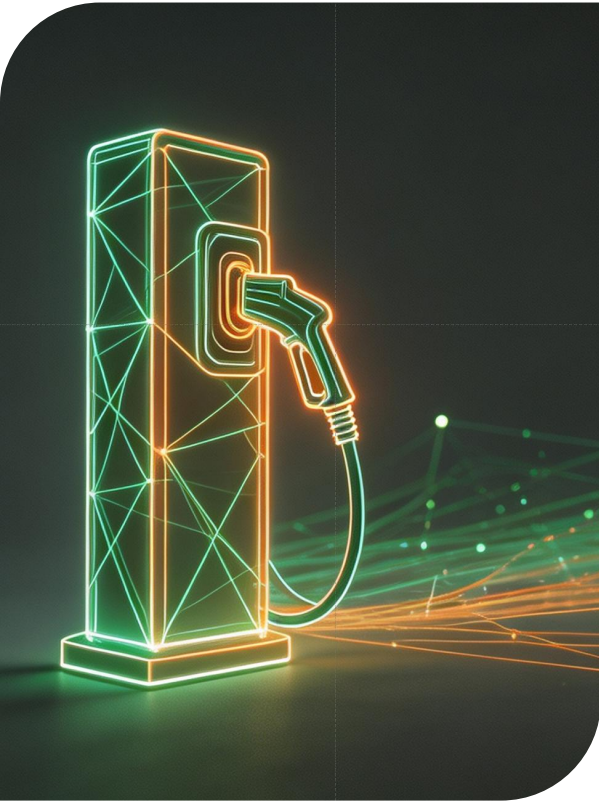
EV Charger Installation Assessment

WILBEST LIMITED

info@wilbest.co.nz · 0800 WILBEST · www.wilbest.co.nz
A5 / 400 Rosedale Road, Rosedale, Auckland 0632

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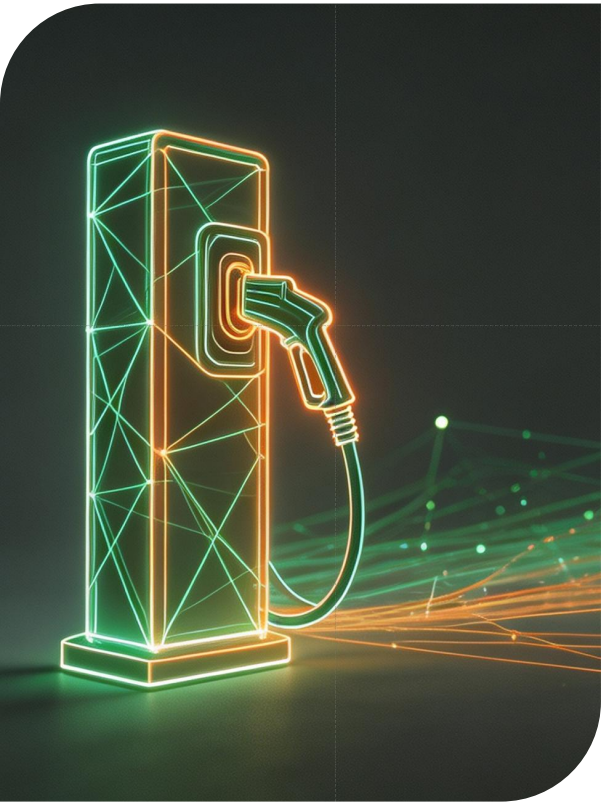


SECTION 01

Project Information

1.1 Project Information

Item	Content
Client	[REDACTED]
Address	[REDACTED]
Objective	Assess installing 1 unit of Autel MaxiCharger DC Compact at this site — commercial feasibility, technical compliance and ROI
Scope	Market analysis · Competitive landscape · Site survey · Grid assessment · Product specs · Cost schedule · ROI analysis · Pricing strategy · Compliance pathway · Risk control
Evaluator	Wilbest Limited (Wilbest Green Tech subsidiary EV charging solutions division)

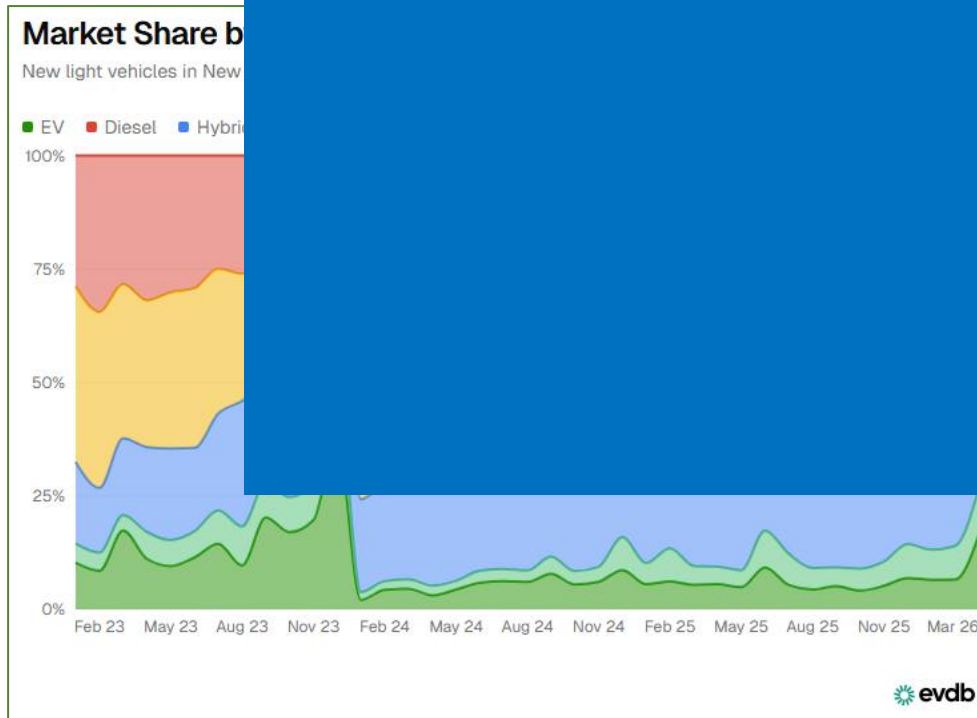


SECTION 02

EV Charger Market Analysis

2.1 NZ EV new vehicle market analysis (2025 - Mar 2026)

In 2025, the total number of new vehicle registrations (including passenger and commercial vehicles) in New Zealand reached 137,900 units, a 1.5% increase on 2024. This increase was largely driven by a 10% rise in light vehicle registrations, which was partially offset by a 1.5% decrease in heavy vehicle registrations. The overall market was impacted by inflation and higher interest rates, which caused demand to remain relatively flat. However, the market has stabilized.



The market share of electrified vehicles in New Zealand's new light vehicle market has grown significantly, reaching a share of 44.3% by March 2026. This is a major milestone for the industry, particularly given the phase-out of subsidies, which led to a drop in registrations of about 7,706 units in late 2025. Despite this, the market saw a recovery in 2026, with registrations of 6,885 units, accounting for a 10% increase in the total market. However, higher fuel prices and interest rates have caused a decline in demand for fuel-only vehicles, leading to a market share of 40.1% for these vehicles. Diesel vehicles saw their share drop to roughly 8.5%, mostly used in large pickup trucks.

2.2 NZ used imported EV market analysis 2025

New Zealand is one of the world's largest importers of used vehicles, with 96% to 98% coming from Japan. The used electric vehicle import sector has been growing rapidly, with a year-on-year increase of 33% in 2024. In 2025, a total of 1,200 units are expected, representing an increase of 33% from 2024. The best-selling model is the Tesla Model 3.

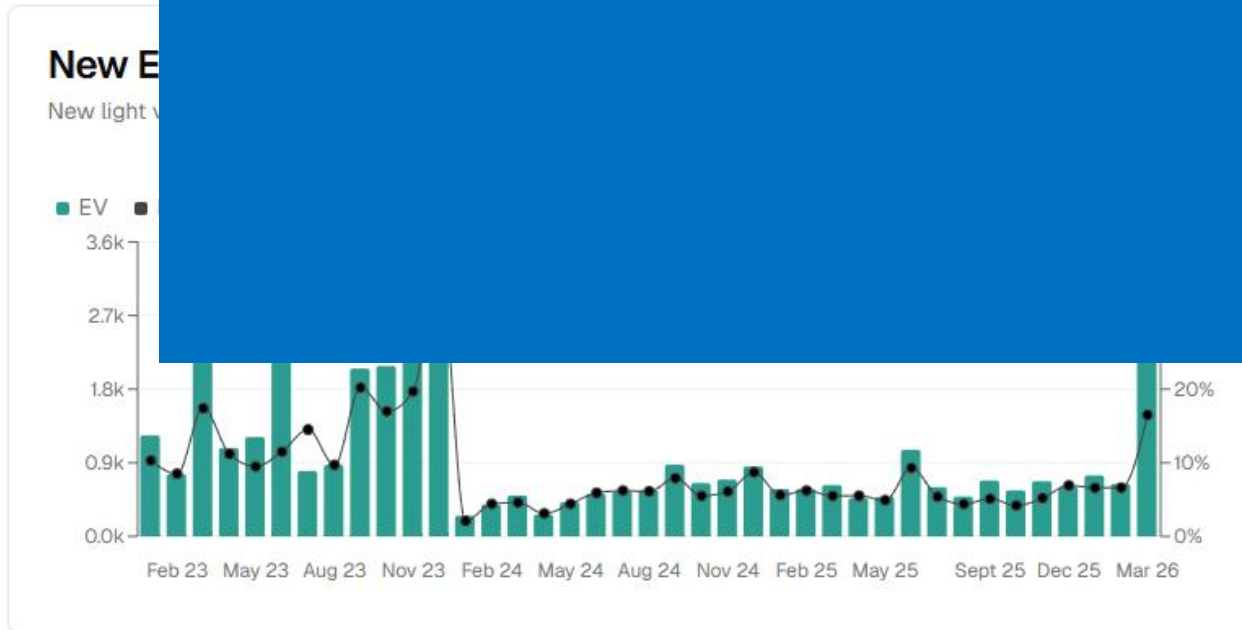
Model	Category	Notes
Nissan Leaf (used)		
Hyundai IONIQ		
Tesla Model 3		
Toyota Aqua / Prius	HEV mainstay	HEV no charger needed, but reflects NZ users' preference for fuel efficiency and electrification

Compact output figured as 1 × or 2 × CCS2, with NZ used EV mix, avoiding loss

2.3 New Zealand New EV Market Analysis (January – March 2026)

In March
growth of
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looking

market. The actual
months, as the
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... had 16.11
) per 1,000 people,
ation rate of
figure is dozens
ina. Therefore,
new energy vehicles and charging infrastructure
boast huge potential and sound long-term
development prospects.

2.4 Chinese New Energy Vehicle Brands Expand Rapidly in New Zealand



Chinese new energy vehicle brands are actively entering the New Zealand market and gaining growing market share. Long-range battery electric vehicles (BEVs) are becoming more popular. Chinese brands like BYD, Geely, and GAC are developing commercial vehicles and heavy machinery and are expanding their public charging networks.

				Battery capacity
				More Blade Battery
				56kWh / 100kWh
				56kWh - 87.5kWh
				56kWh; 007 70.26kWh
				25.57kWh (Hybrid)
				Up tech (plans to build swap)
LDV				90kWh large battery
				Options coexist
				Range fully loaded 670km
JMC	Commercial (Light commercial)	Already entered	Transit City electric van (Ford rebadge)	56kWh LFP battery
XCMG	Construction, Heavy commercial	Already entered	XC988HEV (hybrid loader), XC968EV, E700 (BEV heavy truck)	XC9150EV mining truck reaches 1002kWh; E700 Heavy truck 422kWh
Sany	Construction, Mining	Already entered	SY35E (micro BEV excavator), SY870E (ultra-large excavator)	Supports fast charging, customised for heavy loads

2.5 Current Status of New Zealand's Charging Infrastructure Industry



As of April 2026, around 1,500 commercial charging piles are in operation across New Zealand. The national vehicle-to-charger ratio stands at 58:1, meaning one public charger serves 58 battery electric vehicles. This figure is more than five times the global average recommended by the International Electrotechnical Commission (IEC). On the North Island, the ratio is even higher, at 100:1.



2.6 New Zealand's 2035 Emission Reduction Plan



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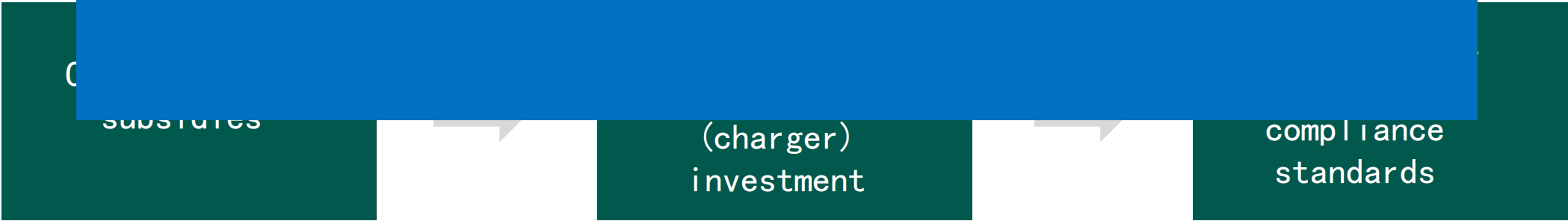
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2.7 Evolution of Policies for Charging Infrastructure in New Zealand

- New Zealand's government has shifted its support policies for charging infrastructure. The focus has moved from consumer subsidies for electric vehicles to supporting charging infrastructure. The focus has moved from consumer subsidies for electric vehicles to supporting charging infrastructure.
- The Merit-based National Charging Points (MNC) program was introduced in 2017. The MNC program was introduced in 2017.
- Driving the growth of charging infrastructure. Driving the growth of charging infrastructure.
- Against the backdrop of the COVID-19 pandemic, the government has introduced a number of measures to support the charging infrastructure industry. Against the backdrop of the COVID-19 pandemic, the government has introduced a number of measures to support the charging infrastructure industry.



Policy Evolution and Orientation: From General Subsidies to Targeted Support



The policy environment has undergone a clear shift. Early policies offered universal subsidies for EV buyers. Currently, the government focuses more on targeted support, mainly directing resources toward large-scale construction of charging infrastructure and addressing the shortage of charging stations.



Policy c

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Funding

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Station c

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Three Manifestations of Supply-Demand Imbalance

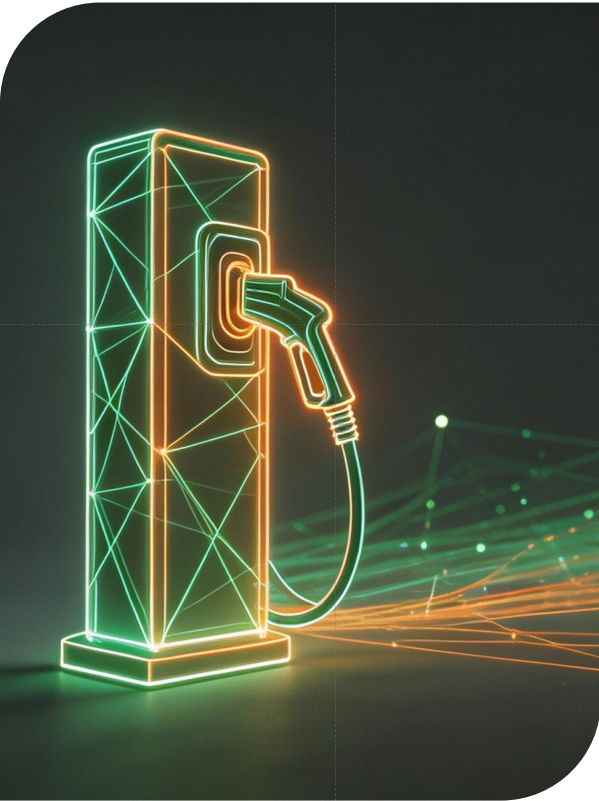
t. Infrastructure
between supply and demand.

rate noticeably within the

t is a critical stage to capture

e within 2 kilometres,
locking in user

habits and building strong brand recognition.



SECTION 03

Industry Pain Points & Opportunities

3.1 Industry pain points panorama

dedicated mobile apps. Scanning
rural areas and underground parking
demand seamless plug-and-pay

files. Hardware and software failures
me in remote areas.

and insurance claim rejections
s have become an additional

Industry based on its

ges

or connection stability leads to
 is project adopts triple redundant
 internet and 4G to fundamentally

8% of total faults. We adopt full
 built-in Type B RCD and dynamic load
 and controllable power supply.

roughs

the major pain points

quired. It offers an industry-low
 cal user habits in New Zealand.

upport, far better than the

industry average response time of 20 days.

- Built-in 6mA DC leakage protection eliminates the cost of external Type B RCD, which costs over \$600 per unit.

Damaged cables and connectors	8%	Worn CCS2 / CHAdeMO ports and loose protective covers.
Other faults	7%	Software bugs and failures of third-party services.



ome, while 45% of
s that drivers with
whereas those without
o buy hybrid models.



owners use the portable charging cables provided with their vehicles for home charging. Among these users, 53% plan to install dedicated home AC chargers.

vehicle (BEV)

Among these users, 53% plan to



	in/ caravan arger users	Don't charge at home	EV Considerers
	67%	64%	69%
	70% ▲	53%	63%
	25% ▼	36%	42%
	15% ▼	30% ▲	17%
	8% ▼	30% ▲	17%
	10%	11%	12%
	8% ▼	18%	17%
	8%	11%	5%
	4%	2%	3%
	12% ▲	4%	11%
	4%	2% ▼	2%

● Cost ● Usage ● Technology ● Other

08

Poor user experience from previous use

Home charging user experience survey report

3.4 Cost Factors Restricting the New Energy Vehicle Market

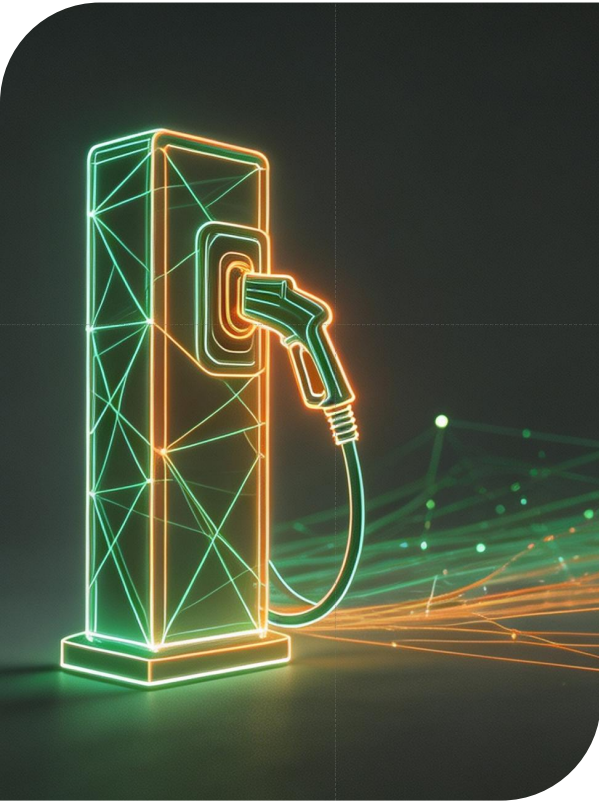


Conclusion: Battery electric vehicles deliver better cost performance for owners with home chargers. For those without home charging facilities, plug-in hybrid vehicles



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write-off risks and higher tyre wear. PHEVs have the highest maintenance costs owing to their dual powertrain systems.



SECTION 04

Overall Analysis of Project 186

4.1 Basic Property Information

[REDACTED] commercial retail property. It is located in the heart of Flat Bush commercial zone, a fast-growing area in southeast Auckland.

Item	Assessment
Type	Commercial retail (Business-Local Centre Zone)
Title	[REDACTED]
Tenants	[REDACTED]
Street frontage	[REDACTED]
Adjacent commercial precincts	[REDACTED]
DC charger requirements	[REDACTED] bays





4.2 Analysis of Major Traffic Conditions

Easy access to motorways

Travelling south along Te Irirangi Drive takes about 5 to 8 minutes in off-peak hours to reach Manukau Interchange via Redoubt Road. Drivers can easily join State Highway 1 (SH1) heading to the city centre and Hamilton in the south, and State Highway 20 (SH20) heading to the city centre and Hamilton in the south, and

Future rapid transit

Auckland Transport (AT) is planning an upcoming Airport to the city centre, including upgrades, including cycling and pedestrian



Major arterial road in the core area

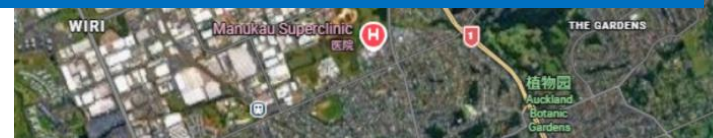
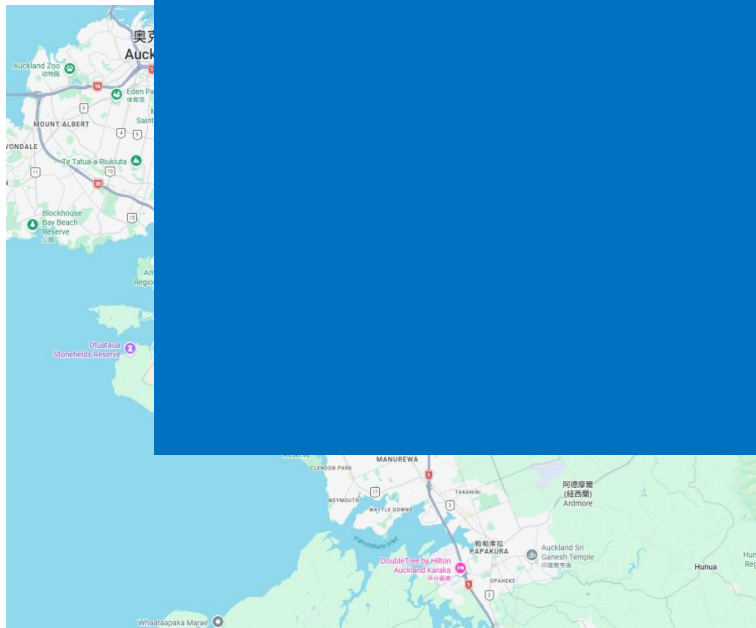
Te Irirangi Drive serves as a key traffic artery connecting Manukau in South Auckland with Botany and East Tamaki in East Auckland.

Wide dual carriageway

The road is well-maintained with four lanes in both directions. Some sections have dedicated turning lanes and bus lanes, plus a wide grass median in the middle.

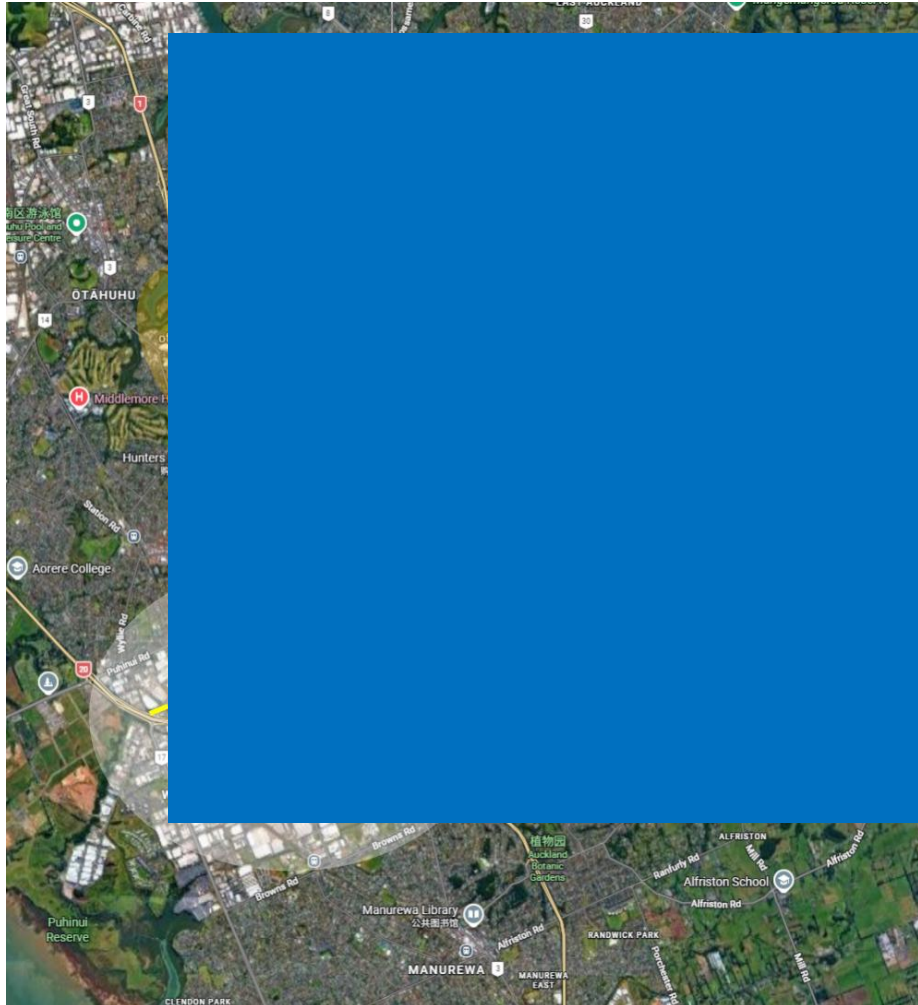
Intersection hub

The property sits right next to Dawson Road intersection, a busy regional traffic node. Heavy vehicle flow is generated by nearby businesses including petrol stations, liquor stores and laundries.



4.3 Analysis of Key Target Service Areas

The commercial site at 186 Te Irirangi Drive, Flat Bush, is situated at one of Auckland's most strategically important transport and economic hubs. It lies at the geographic centre of four major areas: the central business district, the municipal and retail hub Manukau, and the southern part of South Auckland's transport network.



the largest and most ambitious urban development project in New Zealand, with a projected nearly 95% increase compared with a decade ago. The population is expected to reach 55,900 by June 2025, with a population density

2023)	NZ national average
	-
	-
	~5-6%
	38.1 years
	\$41,500

reflects a rapidly maturing market where the median age is significantly lower than the national average. A younger median age indicates strong

willingness to adopt new technologies. Statistically, young professionals are more inclined to choose electric vehicles as their primary transport.

Flat Bush has 11,022 households, with an average of 2.1 vehicles per household. Amid high fuel prices, selecting or switching to a battery electric vehicle as the second family car has become an irresistible trend.

Industrial and

already had over

Manufacturing,

since 78% of local

ed charging

retailers Farmers and

rt of South Auckland.

ke the LDV eDeliver 3

top-ups to complete

e, the site is perfectly

positioned to capture this flow of commercial vehicles travelling between East Tamaki and Manukau.

Manukau centre and Ōtara:

Manukau Centre ranks among Auckland’s top five retail hubs, drawing shoppers from a wide catchment area. Research shows retail outlets here attract household customers within a 13-kilometre radius. Therefore, 186 Te Irirangi Drive sits right on the main route for travellers commuting between Flat Bush and shopping destinations including Manukau Supa Centa and Westfield Manukau.

Ōtara g
Socioec
this gro

s Manukau Institute of Technology.
Tāmaki and the airport. People in

	Population/Employment
to	55,920 (2025 estimate)
es	27,500+ employees
	Auckland top 5 regional consumption centre
	Mature workforce community

Manukau centre and Ōtara:

Manukau Centre ranks among Auckland's top five retail hubs, drawing shoppers from a wide catchment area. Research shows retail outlets here attract household customers within a 13-kilometre radius. Therefore, 186 Te Irirangi Drive sits right on the main route for travellers from the Westfield Manukau.

Ōtara gets its name from the Māori word for 'to beget'. The area is home to the Manukau Institute of Technology, a major employer, and the airport. People in this growth corridor are well-served by public transport.

Population/Employment

55,920 (2025 estimate)

27,500+ employees

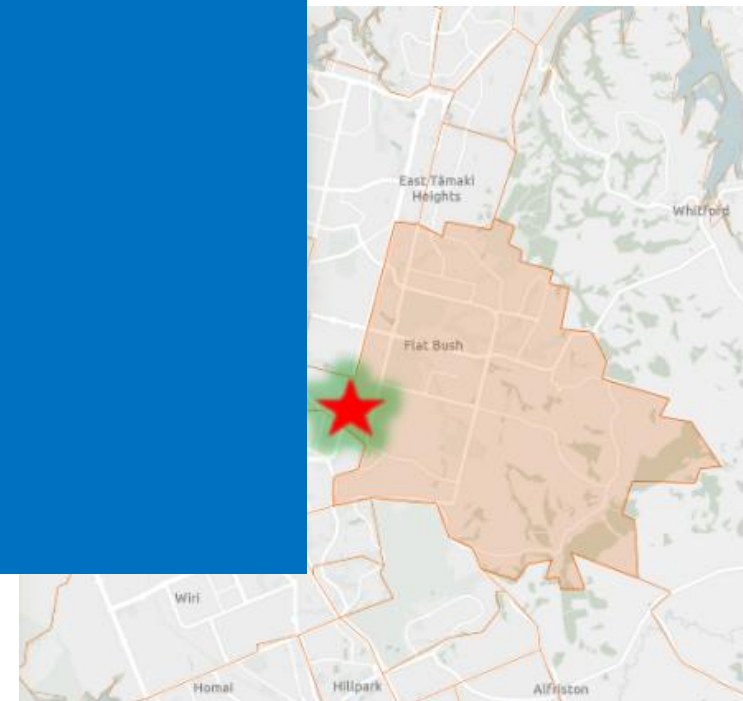
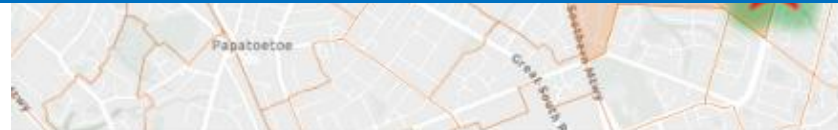
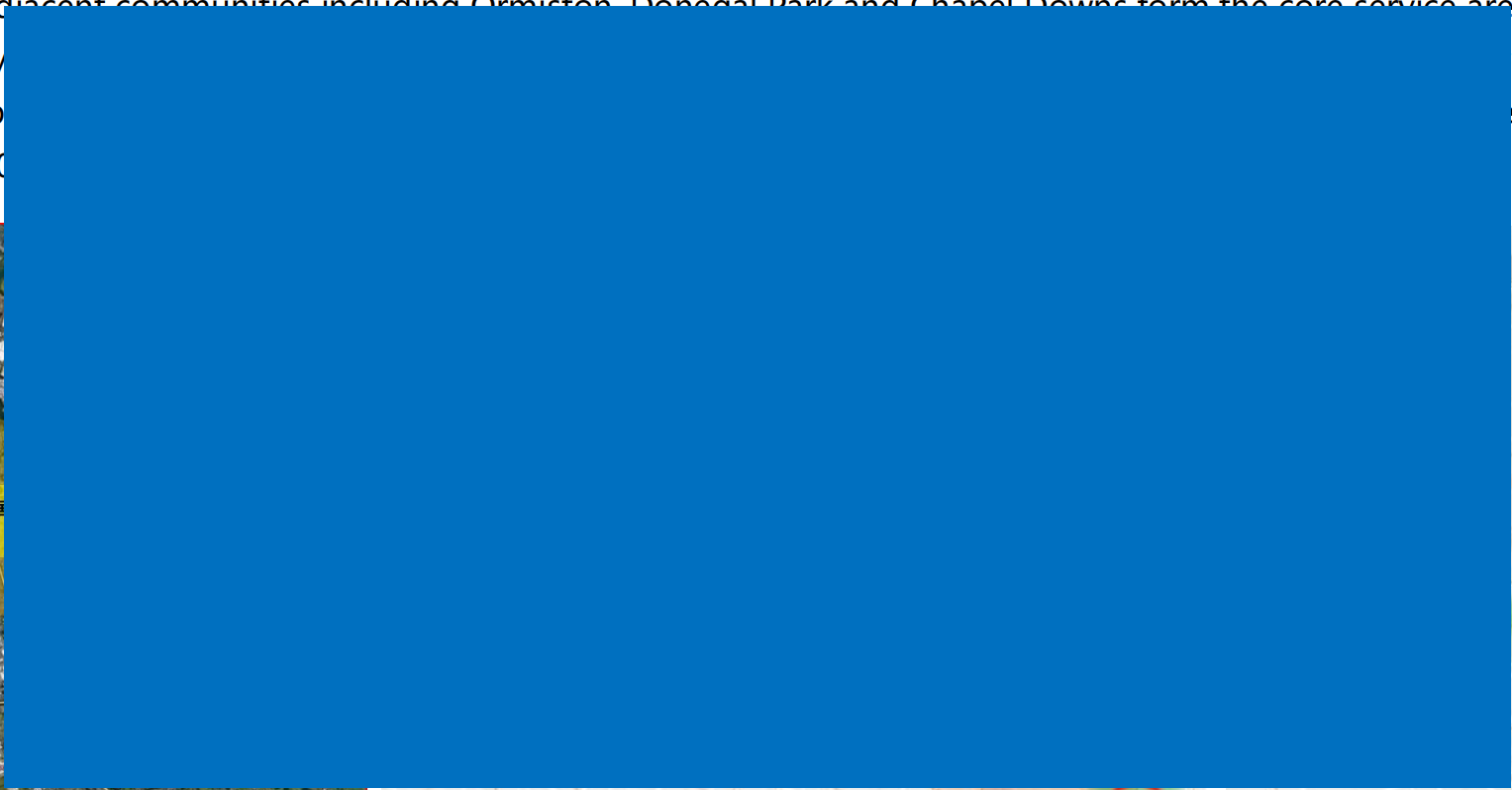
Auckland top 5 regional consumption centre

	districts	across the region	
Ōtara	Communities & institutional facilities	Regular commuters from local workforce with frequent short trips	Mature workforce community

4.4 Analysis of Local Resident Groups

The site at 186 Te Irirangi Drive serves two densely populated residential areas: Ōtara and Flat Bush. According to national statistics in 2023, Flat Bush has a permanent population of 56,000 and Ōtara has 23,500, totalling around 80,000 residents.

Eight adjacent communities including Ormiston, Donegal Park and Chapel Downs form the core service area, with a population of roughly 100,000. The area has a high density of vehicles per 1,000 people and an EV population of approximately 1,000. The EV population is projected to rise to 2,500 to 4,000.



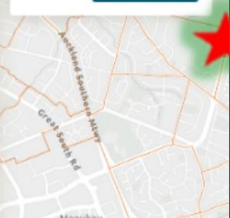
Ormiston South ✕

Population 5,440
At 30 June 2025

Population for the Maori ethnic group 141
2023 Census

Compare with another area

[View summary](#)

A small map snippet showing a street grid with a red star marker indicating the location of Ormiston South.

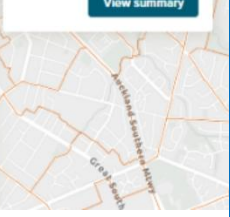
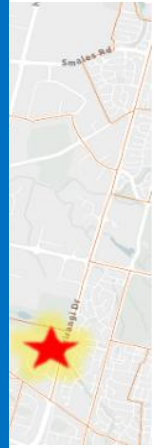
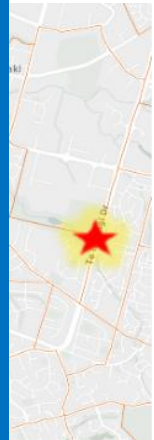
Chapel Downs ✕

Population 3,690
At 30 June 2025

Population for the Maori ethnic group 345
2023 Census

Compare with another area

[View summary](#)

A small map snippet showing a street grid with a red star marker indicating the location of Chapel Downs.

4.5 Impact of the Airport to Botany (A2B) Rapid Transit Project

One of the project's key goals is to create a dedicated, high-quality transit corridor that will reshape the site.



SHARED USE PATH
- 4 LANE EXPRESSWAY
- AIRPORT TO BOTANY BUSWAY
- SHAD SOUTH ISLAND UPGRADE
- AIRPORT TO BOTANY
SIDE RUNNING TO CENTRAL
RUNNING BEFORE 2020S INT
20Connect Shared Use Path
Station
Walkway
State Highway

transit Project. This 18-kilometre corridor will run from the airport to Botany. The project will fundamentally reshape the site and increase the value of the 186 Te Iirangi Drive site.

Accessibility

The project will include the creation of a fully separated BRT corridor in the corridor.

(A2B): Expected to commence in 2028.

The A2B project brings three key impacts:

1. **Speed Limit:** The current 50 km/h speed limit, which often causes drivers to miss the bus stop, will be reduced to 30 km/h. (AT) modelling shows that reducing the speed limit to 30 km/h to improve pedestrian safety will have a minimal impact on travel times (minutes over the 18 km corridor) but will dramatically reduce accidents and injuries.

2. **Stations:** The project will include two stations (at the Airport and Botany Junction) and Dawson Road. These stations

will act as local activity hubs, increasing the incidental retail potential of the 186 Te Iirangi Drive site as pedestrians move between the stations and local amenities.

4.6 Traffic and Vehicle Flow Route Analysis of Te Irirangi Drive

Average Daily Traffic (ADT) and Tidal Flow Characteristics

Te Irirangi Drive records one of the highest traffic volumes among all non-motorway roads in the region, with approximately 15,000 vehicles per day. It serves as a major arterial road, connecting the central city to the surrounding areas. The road is heavily used by vehicles (HOV) and is a key route for traffic between Tāmaki and the surrounding areas.

The traffic

1. Morning peak

Botany and H

2. Evening peak

residential ar

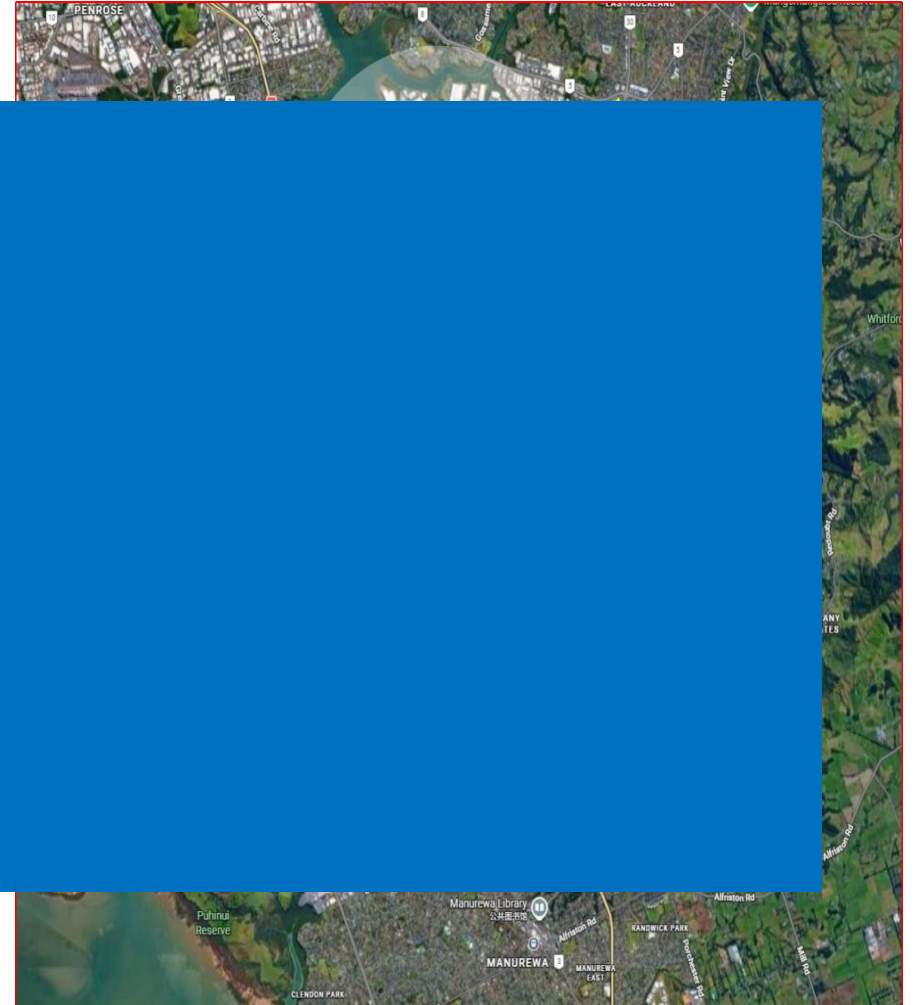
The site at 1

bound peak

charging. Du

operate at fu

Operational Tip: Providing convenient parking and waiting facilities for passing vehicles during the after-work peak can significantly improve the utilization rate of charging equipment.



4.7 Destination Mapping

(1) **Work to Home (15:00 – 19:00):** Commuters travelling from East Tāmaki and Manukau to residential areas of Flat Bush and East

Tāmaki

(2) **Home**

186 Te

(3) **Reg**

effective

in Manukau and Botany. The

way 1 corridor, who seek cost-

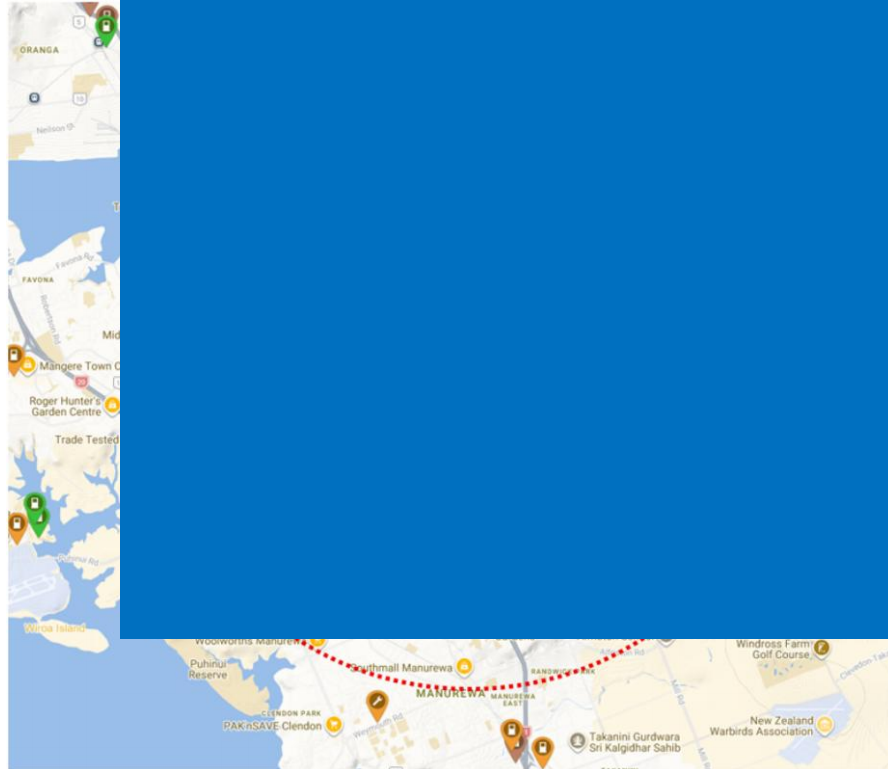
C	[Redacted]		preference
	[Redacted]		p-up" (30kWh)
	[Redacted]		ll-up" (60kWh)
	[Redacted]		apid" (25kWh)
Local residents	Evening/night		Overnight (if AC or discounted DC offered)

4.8 C

(1) 2-
Manul
Irirang

Te

Source: Plug



<p>Jolt</p>	<p>CCS2 1 unit CHAdEMO 1 unit</p>	<p>345 Chapel Rd</p>	<p>~1.8k m</p>	<p>25kW \$0.88</p>	<p>3.0/5 Unstable connection; only 25kW</p>
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BP Charge



Nova Energy

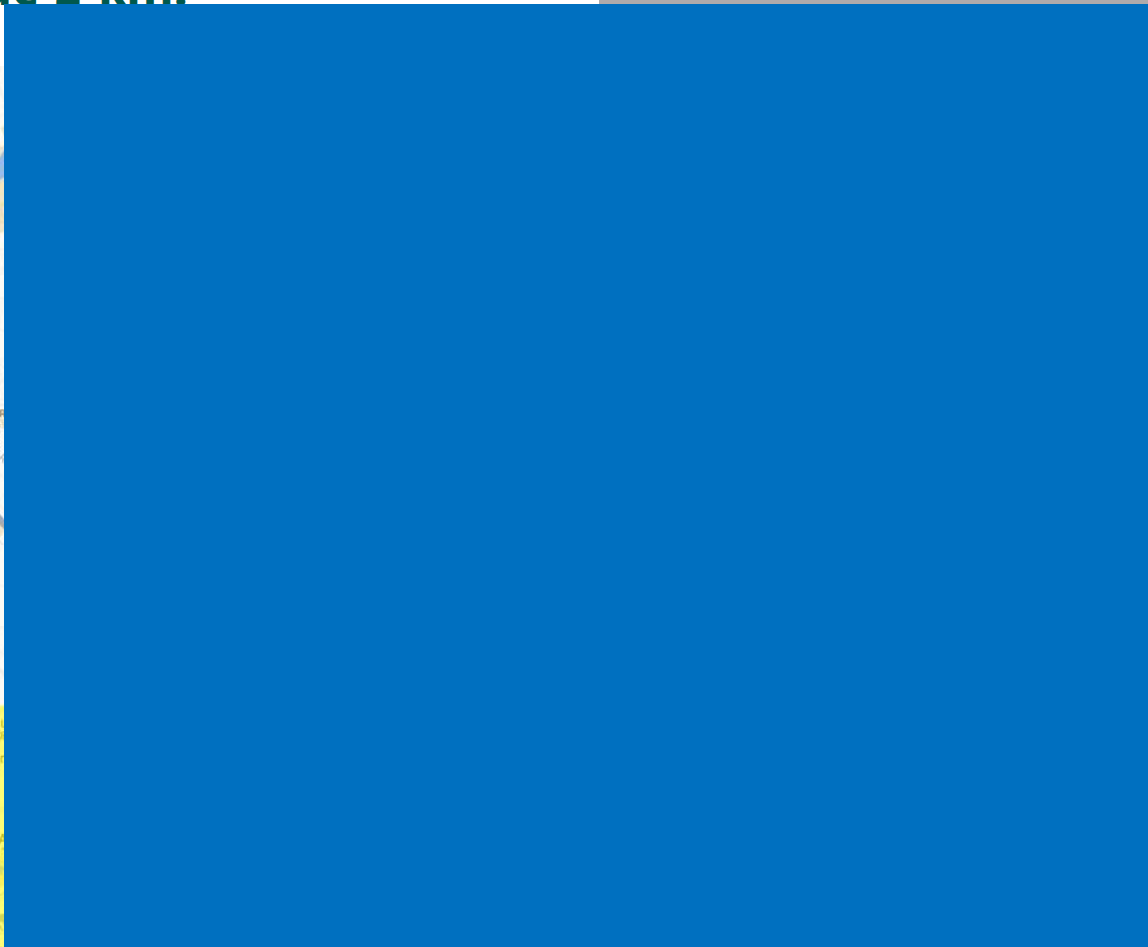
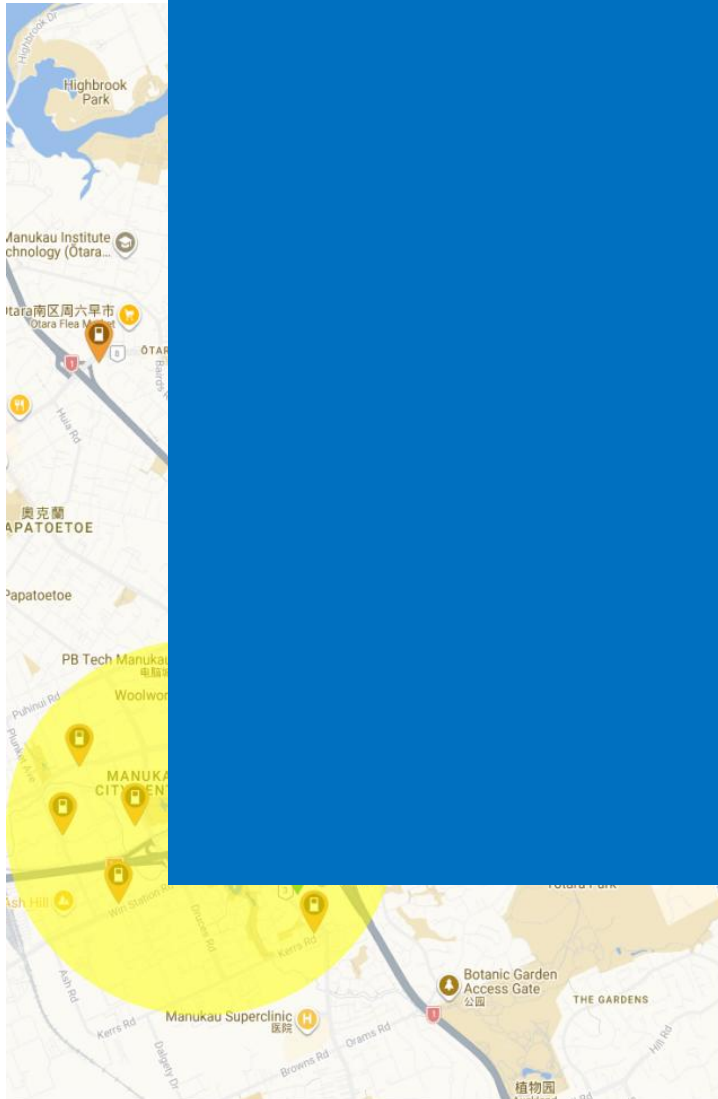


PLUG AND SAVE



Jolt

Outside 2 km:



at the Ormiston commercial complex to the north and precise market judgment and a flexible pricing mechanism, with northern and southern catchment areas and converge

	Distance	/Price
Centre	~3km	\$0.68-\$0.76
Rd	~3km	\$0.90/0.95
gi Dr	~3.5km	\$0.88
th Rd	~5km	\$0.88



26)

Energy, Meridian-owned Zero, Hikotron
fast charging stations apply a composite
fees after full charging, and dynamic

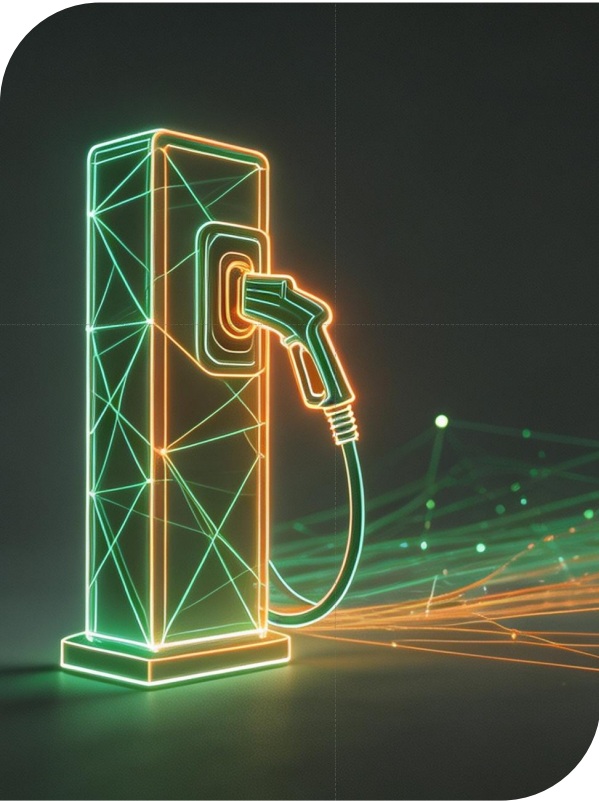
n) to \$0.76/kWh (4am–11pm), making

\$0.90/kWh, while hyper-fast chargers
ential and business customers can

ected sites. Contact Energy

residential and business customers can enjoy a 70% discount during peak hours and a waiver of the monthly \$10 membership fee.

Plug and Save: Features competitive pricing at \$0.75/kWh and supports direct Paywave and credit card payment for user convenience.



SECTION 05

Post-Investment Operation Strategy

5.1 Project Competitive Breakthrough Strategy: Competing against High-



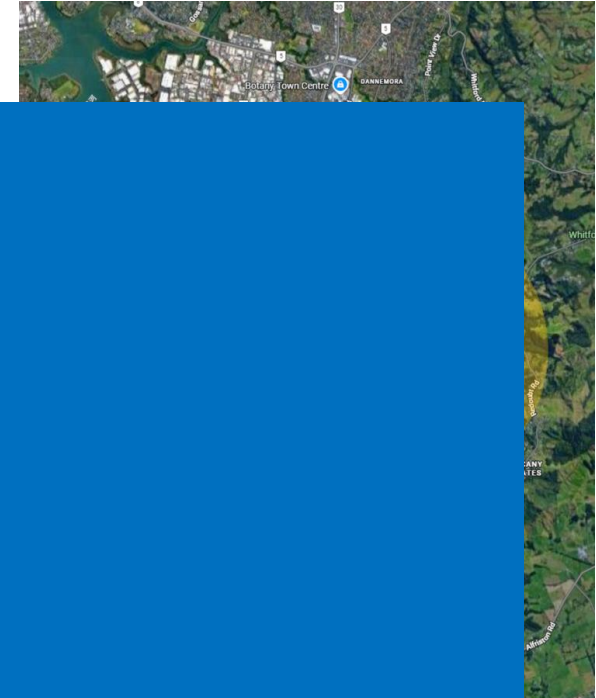
250kW ultra-
ed, market
antages.

Integration: Research
charging sites
and other supporting
ell time of 20 to 40
os to drive dual
operation strategies
opping" experience.
ding commercial
tality.

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In addition, support for direct credit card and Paywave tap-to-pay (plug-and-pay) can capture transient passing drivers who are deterred by long queues and mandatory App registration at northern and southern charging hubs.

5.2 Core Customer Group Operation Strategy: Precisely Target Two Types of Demand-driven Users



Implement differentiated operational strategies based on customer groups.

(1) Local Residential Users ("Garage Orphans" in Flat Bush)
Participation marginal driving mechanism: Flat Bush features apartments, where most residents lack private garage charging.
Launch off-peak night subscription plans: A subscription-based operation stage to secure low-frequency yet stable local residential charging introduced with a fixed monthly fee and ultra-low night charging rates.
Long-term institutionalised economic incentives: Empirical research shows that long-term charging based on environmental awareness have negligible impact. Small discounts (such as a NZ\$0.1 per kWh price reduction) can significantly increase off-peak charging, lifting the proportion of off-peak charging from 59% to 77%.

Such economic incentives require long-term institutionalisation. Users will immediately revert to peak-hour charging habits once the discounts are cancelled. Therefore, low-price night charging policies for local residents must be established as a permanent rule.

(2) Industrial and Commercial Fleet Users (SMEs in East Tāmaki)

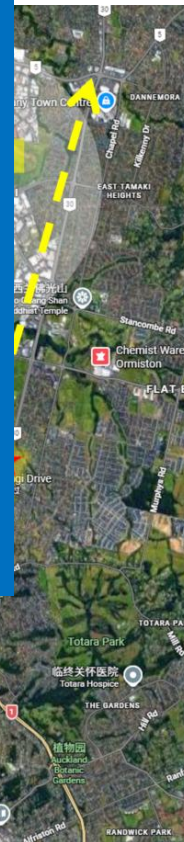
Intensive marginal driving mechanism: Corporate logistics fleets (such as electric vans) have rigid daytime charging demand. Their price sensitivity mainly affects charging volume rather than charging willingness. Fleet operators will continue to use local charging facilities regardless of minor price fluctuations.

B2B Pay-per-use Model and Tiered Idle Fee

A contracted pay-per-use / pay-per-charging model for commercial fleets. This tailored B2B charging model is designed to maximize revenue under high-frequency fleet operation scenarios. It provides a steady revenue for the charging station.

Guiding Non-linear Short-duration Top-up Charging

Charging speed drops sharply after the initial 20-minute period. As daytime fleet charging is dominated by short-duration top-up charging for deliveries and operational tasks, a tiered idle fee system should be implemented via the charging billing platform. This mechanism guides fleet drivers to adopt 20-minute short top-up charging to restore sufficient range and leave promptly. This operational rule significantly improves the daily turnover rate and overall profitability of 50kW charging equipment.



5.3 Time-of-Use (TOU) Dynamic Pricing and Grid Coordination Strategy



A flat electricity tariff inevitably results in idle charging capacity during daytime hours and severe congestion during evening peak periods. It is essential to introduce a multi-objective optimized Time-of-Use (TOU) dynamic pricing mechanism that balances profit maximization, equipment utilization maximization and minimized grid

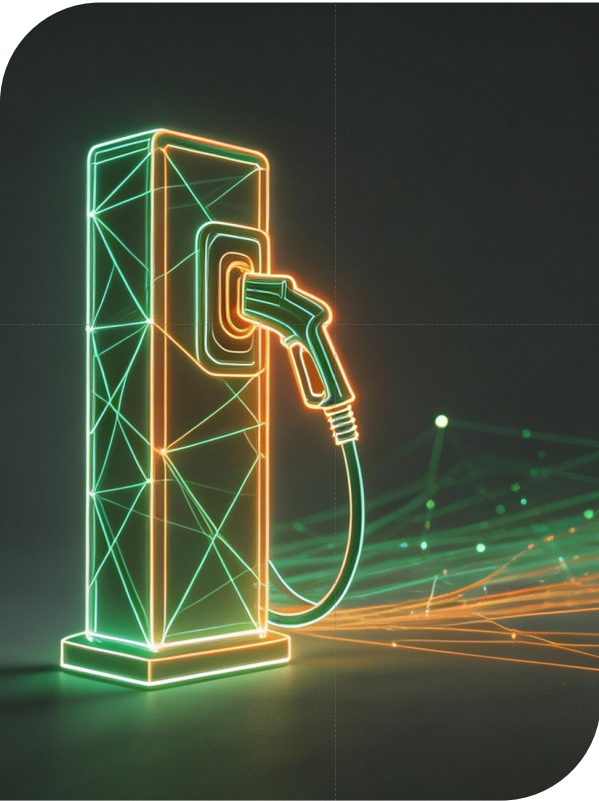


from peak-hour charging to nighttime off-peak sessions, effectively avoiding grid overload penalties.

revenue.

hours, shifting their demand to nighttime slots and mitigating grid load pressure.

timing for both site operation and local grid load management.



SECTION 06

Investment & Construction Plan

Site zoning and equipment layout



Location	Purpose
	Recommendation: in carpark close to Te Irirangi Drive street frontage, maximising visibility to passing traffic and ultimate ease of entry/exit
	Within 5-10 m of charger, wall-mounted, IP54 rated
	Existing transformer confirmed; needs Vector upgrade to 100A 3-phase

27.6.8. Electric vehicle charging stations

- (1) Any building or structure for EV charging must:
 - (a) Not exceed a maximum height above ground level of 3m (excluding charging cables and cable support systems); and
 - (b) If there are more than two EV charging structures or EV charging buildings, comply with the front yard and landscape buffer standards of the underlying Zone.

Equipment height limit (clause a) Any building or physical structure for EV charging must not exceed 3 m above ground (charger body or canopy base must not exceed 3

If a site has more than 2 (i.e. 3 or more) EV charging structures or buildings, the structure must strictly comply with the parcel's underlying zone (Underlying Zone) "front yard" and "front yard" landscape buffer" standards. landscape buffer" standard.

Front yard: Front yard): typically means the building/equipment must maintain a setback from street or property boundary — cannot be built right against the road.

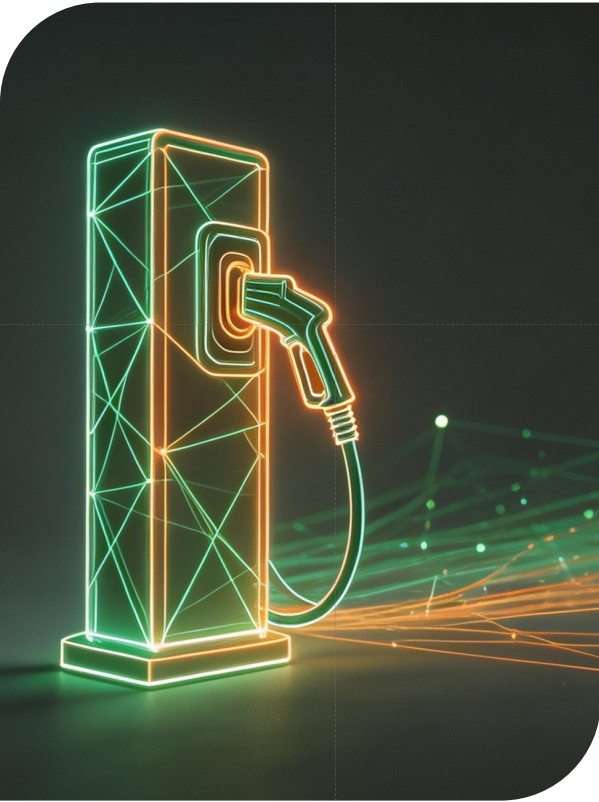
Landscape buffer: Landscape buffer): typically requires planting greenery (trees or shrubs) of a certain width and height between equipment and road/neighbours, to soften the visual impact of large industrial equipment and protect streetscape aesthetics.



6.1 Autel DC Compact Grid demand

Item	Description	
Distribution network	[Redacted Content]	
DC Compact input		
Existing supply (est.)		
Upgrade required?		
Upgrade application		
Vector capacity upgrade cost		
Queue time		

Note Vector upgrade is required. Please contact the relevant authority first to confirm cost and queue time, do not skip this step before signing.



SECTION 07

Product Specifications

Autel DC Compact bidirectional charging, PV integration

Feature		
OCPP 1.0	[Redacted]	
V2G/V2L		map includes V2G
Dynamically		
PV Hybrid		
PAS 601 standard		

Future

...ibility will participate in VPP (virtual Power Plant) revenue sharing. This project's equipment is technically ready for that future.

7.2 DC output specifications

Parameter	Specification

7.2 DC output specifications

Parameter	Specification
Charge	
Rated o	
Thunde	
Outp	
Max ou	
Outp	
Peak	

7.3 AC input specifications

Para		
Earth		
Input		
Input f		
Power		
Harmonic dis		

7.4 General specifications

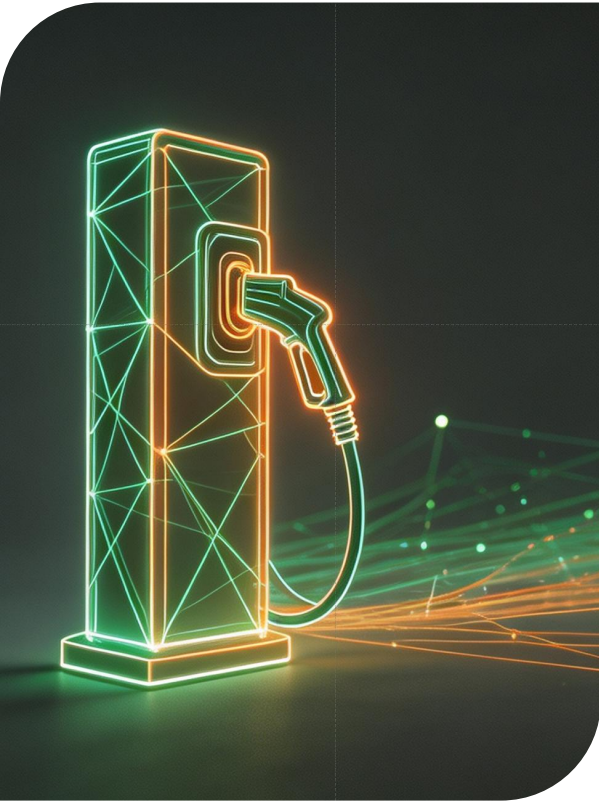
Parameter	Specification
Enclosure	
Installation	
Operation	
Operational	
Storage	
Dimensions	
Capacity	

7.5 User interface & access control

Parameter	Specification
Stat	
Use	
Cor	
com	
Acce	
Acce	
Acce	
Nayax	
Softw	

7.6 Safety & certification

Parameter	Specification
	Monitoring · earth
S	
Built-in	
Produ differ	layax tap-to- (\$11,999+),



SECTION 08

Main Cost Schedule

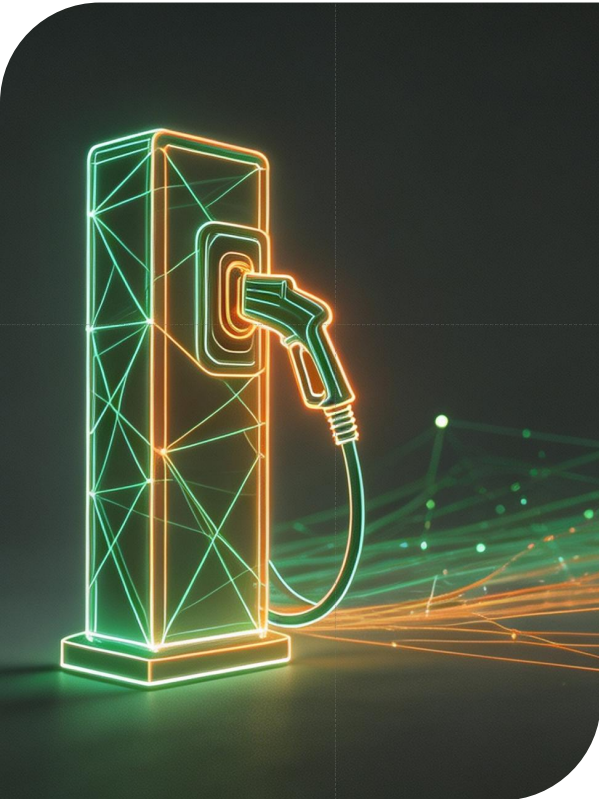
8.1 Main cost schedule

The following are the core fixed costs of the project, other costs to be quoted separately based on actual site conditions

No.			
1	Au		
2	Gr		
3	EV		
4	Ne		
5	Ve		
6	Ve		

Notes

1. All stated
2. Final costs
3. The above inspection fe
4. The NZ\$49



SECTION 09

Investment cost, operating income, ROI calculation

9.2 Investment and Operational Revenue Calculation Model (Based on Multi-customer Dynamic Pricing) and ROI Conclusion



Combined
assumpti

1. Basic P

Actual av

kWh per

Base elec

Payment

Annual s

s and

approximately 35

by Wilbest.

Co		
No		
Ac		t reaches
Base		4 hybrid tariff
Pa		em, deducted
An		provided by
		OC inspection,
Construction Investment	\$90,000	civil works, safety facilities and other site-based incidental costs)

2. Time-of-Use (TOU) Daily Revenue Model

Based on local traffic patterns and customer profiles, daily operation is divided into four segmented time windows tailored to distinct user groups. Under conservative assumptions, the chargers achieve a total effective operating duration of 9 hours per day (63 hours per week).


(1) Night		7:00–10:00
<p>Customer charging activity is concentrated in the evening hours. Operational hours per night are 3 hours.</p> <p>Tariff & Net Revenue: \$0.66/kWh gross rate, net revenue of \$0.30/kWh after deducting processing fees.</p> <p>Segment Daily Gross Profit: 3hrs × 35kWh × (\$0.660 – \$0.30) = NZ\$25.20/day</p>		<p>Top-up traffic with low demand and low price. Operational hours per night are 3 hours, with 1 hour of peak charging. Tariff & Net Revenue: \$0.728/kWh gross rate, net revenue of \$0.30/kWh after deducting processing fees. Segment Daily Gross Profit: 3hrs × 35kWh × (\$0.728 – \$0.30) = NZ\$14.98/day</p>
(3) Midday		15:00–20:00
<p>Customer charging activity is concentrated in the midday hours, primarily by industrial and commercial users. Operational hours per day are 5 hours.</p> <p>Tariff & Net Revenue: \$0.66/kWh gross rate, net revenue of \$0.30/kWh after deducting processing fees.</p> <p>Segment Daily Gross Profit: 2hrs × 35kWh × (\$0.660 – \$0.30) = NZ\$25.20/day</p>		<p>Midday charging activity by bound commuters and retail users. Operational hours per day are 5 hours, with 2 hours of peak charging. Tariff & Net Revenue: \$0.85/kWh gross rate, net revenue of \$0.825/kWh after deducting processing fees. Segment Daily Gross Profit: 2hrs × 35kWh × (\$0.825 – \$0.30) = NZ\$36.75/day</p>

Table 2: Daily Revenue Breakdown of Four-customer Time-of-Use (TOU) Dynamic Pricing

This table illustrates the refined time-segmented operational model that divides daily operation into four dedicated time windows with customised pricing for distinct customer groups. The strategy extends the site’s effective daily charging duration to 9 hours, achieving maximised daily revenue and balanced equipment utilisation across off-peak and peak periods.

Period	Time range	
Morning Peak Transit Window	07:00-10:00	S cl m a
Daytime commercial fleet Window	10:00-15:00	E l c
Evening Peak Premium Window	15:00-20:00	N c w p
Night Off-peak Residential Window	20:00-07:00	F cl p p
Daily Summary	All-day 24h	T cl a



(Note: daily total kWh = 8h × ×

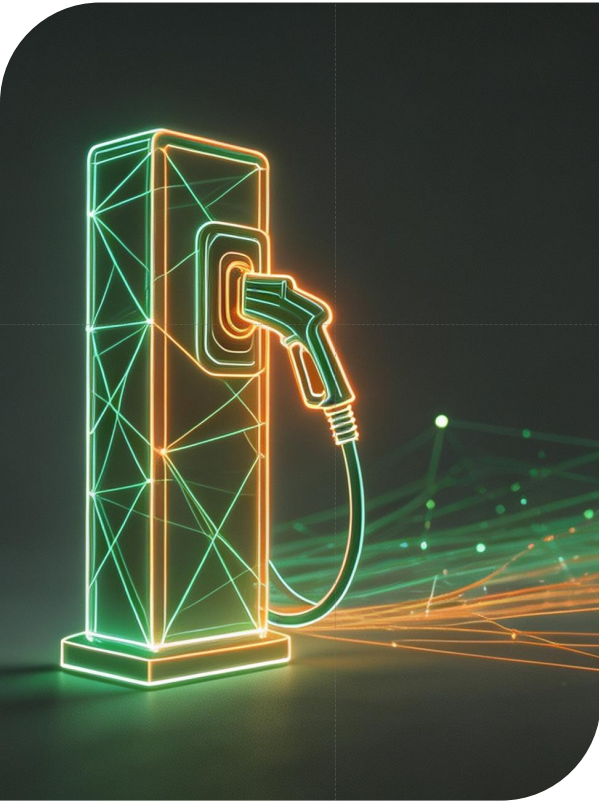
This project's ROI conclusion

Total
Expect
True

Table



		on
Annu		electricity rate margins equipment operation.
Annu		ducting all annual fixed costs.
Ac P		vestment can be fully representing a stable and efficient return on investment.



SECTION 10

Compliance Pathway

10.1 WorkSafe NZ compliance / WorkSafe Compliance

DC fast charging must be installed by a licensed electrician, who issues a CoC (Certificate of Compliance) . Maximum violation fine \$50,000+.

Requirements		
Licensed Electrician		Land Commission
Certificate of Compliance		Official owner and for operational
ESC Independent Report		Inspection report meet grid
Non-compliance	documents, corporate responsible persons may be held criminally liable.	Violations may be fined compliance

10.2 Council Building Consent

DC fast charger installations with concrete base foundations generally require a formal Building Consent applied through Auckland Council Building Control. The estimated a [redacted] with exact requirements and elimina [redacted]

Item	[redacted]	
Necessit	[redacted]	generally exempt ons typically
Applicati	[redacted]	
Estimate	[redacted]	
Applicati	[redacted]	chnical reviews
Exemptio under NI	[redacted]	Environmental n achieve very.

A.1 Disclaimer

This report is compiled based on the latest available data as of April 2026. All market forecasts, ROI calculations and policy interpretations are for reference only.

Final project costs shall be subject to the formal quotation issued by Vector and the written electrical contractor agreement.

Wilbest reserves the right to update and revise the content of this report in accordance with subsequent market changes and project progress.

WILBEST LIMITED

info@wilbest.co.nz · 0800 WILBEST · www.wilbest.co.nz · www.evhop.co.nz

A5 / 400 Rosedale Road, Rosedale, Auckland 0632

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info@wilbest.co.nz · 0800 WILBEST · www.wilbest.co.nz
A5 / 400 Rosedale Road, Rosedale, Auckland 0632