ON-EV

Proposal:

Future-Ready EV Charging For Residential Estates

The Challenge

By 2030, petrol/diesel car production will end. EV driving residents in apartments face hurdles:

- Limited charging access
- Forced to use expensive public charging
- Public Charging capacity constraints
- Rising demand for EV friendly accommodation

Your residents expect Charging solutions now

How It Works

- **Free Site Survey:** We assess parking, electrical capacity, and lease requirements
- **Custom Plan:** Recommend the best system (dedicated bays, shared chargers, etc.)
- **Install & Manage:** Handle DNO upgrades, resident communication, and ongoing support

Why Now Is Important?

Government Grants Available: (expiring 2026)

- Up to £30,000/building for installations.
- £500/bay for infrastructure + £350/charger

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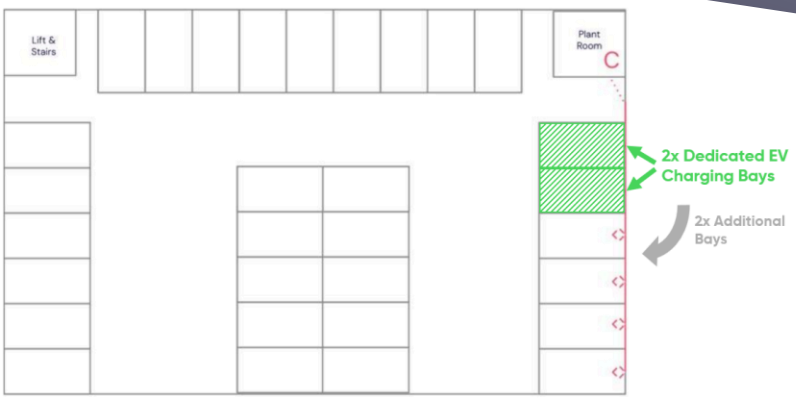
Our Proposal

We design and implement simple, scalable EV charging systems tailored to your estate's needs.



➢ **Fair Access for All Residents**

- Residents Pay per kWh used
- Credit-Based System: Residents receive monthly charging credits (e.g., 40 kWh). Excess usage billed at cost.
- Time-Based Slots: Reserved charging windows (e.g., 10 hours/week) via an easy app.

➢ **Managed for You**

- Billing & Maintenance: Automated tracking, no manual meter readings
- Monthly Status, Usage, & Energy Reports
- Load Balancing: Prevents grid overload
- Compliance: Full adherence to lease, safety, OFGEM regulations

Our Top Charger Choices

Ratio Ev io8:

- **Unit Cost:** £3k
- Two Untethered Charging Ports
- **Power:** 7.4kW, 22kW
- Built In Ambient Lighting
- **Controlled Access**: Mobile App, Admin Management System, or RFID

MyEnergi Zappi:

- **Unit Cost:** £1.2k
- Single Untethered Charging Port
- **Access Control:** PIN Code, Mobile App, No RFID available

Why Choose ON-EV?

✅ **Independent Advice:** We're not tied to one charger brand, we'll find the right fit for your estate.

✅ **Local Based:** ON-EV are based in Chester

✅ **Charging Experts:** Specialised in EV charger installs, ON-EV offer knowledge and experience

Step 1:
Assessment
- Free site survey (parking layout, electrical capacity)
- Grant eligibility check

Step 2:
Planning
- Custom system design (charger count/locations)
- Resident consultation strategy
- Funding application submission

Step 3:
Installation
- DNO coordination & grid upgrades
- Minimal-disruption install
- Resident onboarding

Step 4:
Ongoing Management:

A: Full-Service
- 24/7 Monitoring: Real-time fault detection
- Automated Billing

Maintenance Included:
- Charger repairs/replacements
- Software updates
- Annual safety inspections

Usage Reporting: Monthly transparency reports

B: Estate-Managed

Self-Administered: Estate handles user access/billing

Maintenance Covered by ON-EV:
- Hardware warranties (5 years)
- Emergency repairs
- Grid compliance checks

Easee One:

- **Unit Cost:** £1k
- 1, 2, 3, or 4-Way **post options**
- **Power:** 7.4kW, 22kW
- **Controlled Access**: Admin Management System, RFID, Mobile App

EV Charging Profitability Projection

Key Assumptions:

5-20 residents charging once per week (e.g., Tesla Model 3, **78.1 kWh battery size**)

Pricing: User pays **£0.32/kWh** to charge, Assumed estate pays **£0.20/kWh** for energy (Profit: **£0.12/kWh**)

Annual Profit Calculation

Per Resident Charging Vehicle To Full:
Revenue: 78.1 kWh × £0.32 = £24.99

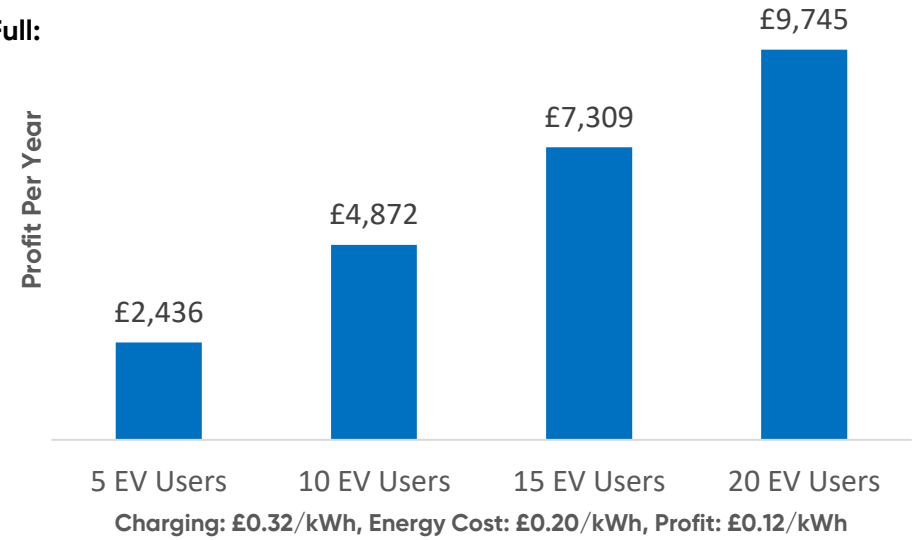
Cost: 78.1 kWh × £0.20 = £15.62

Profit: £9.37 per charge

Per Resident (Yearly):
£9.37 × 52 weeks = £487.24

Total (10 Residents):
£487.24 × 10 = £4,872.40/year

Growth Potential:
15 residents: £7,308.60/year
20 residents: £9,744.80/year



Charging: £0.32/kWh, Energy Cost: £0.20/kWh, Profit: £0.12/kWh

In summary, Installing EV chargers at your residential estate presents a win-win opportunity: not only does it offer a profitable revenue stream, but it also encourages current residents to transition to electric vehicles by removing the charging barrier. Additionally, EV-ready property significantly improves the estate's appeal to tenants and buyers in an increasingly EV-driven market.

On average, your residents are paying £0.82/kWh at public fast chargers - nearly triple our proposed rate of £0.32/kWh

For a typical Tesla Model 3 charge (78.1kWh), this means £63.84 spent publicly versus just £24.99 using your estate's chargers

That's a £38.85 saving per full charge while enjoying the convenience of home charging!

Source: Zap-Map 2024

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