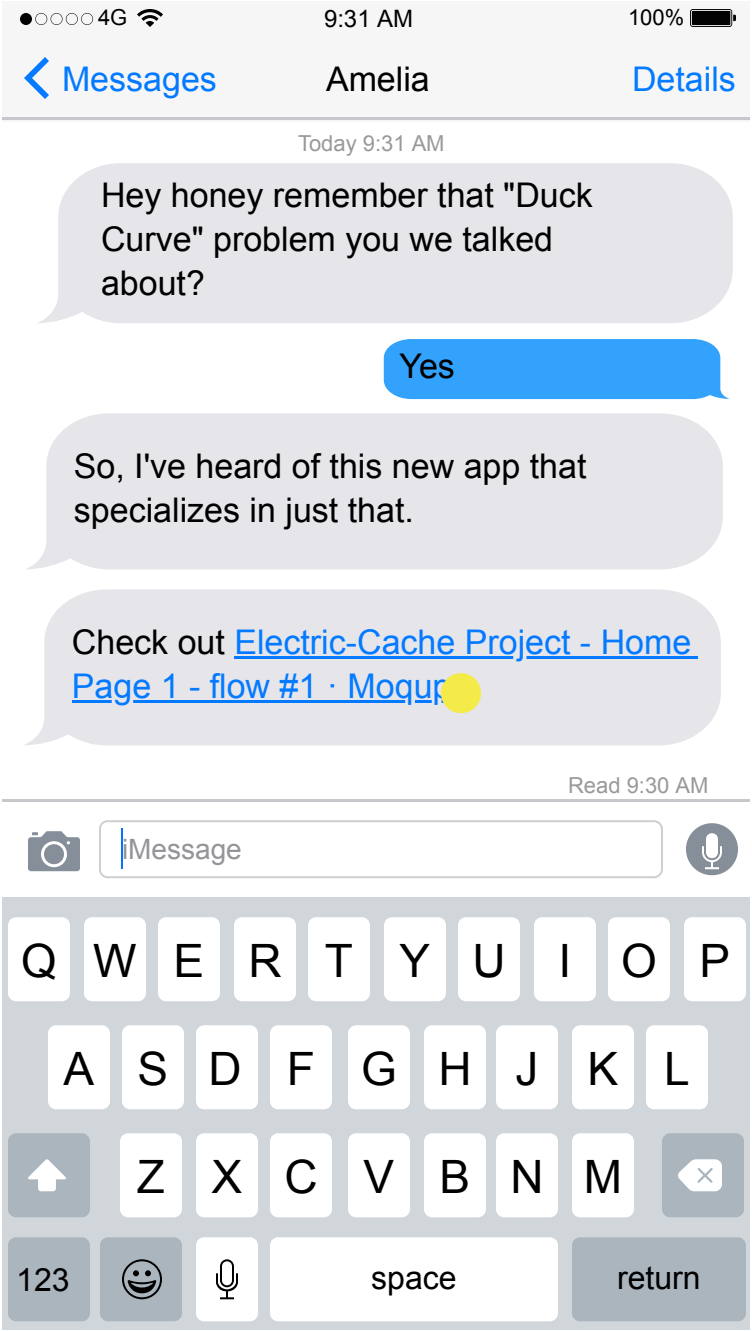
Yosef, married +3, collage graduate, owns an electric car, and understands the implications of our fragile climate and that running a household is expensive. Yosef would like to reap the most out of the system.


4G
9:31 AM
100%
Messages
Amelia
Details
Today 9:31 AM
Hey honey remember that "Duck Curve" problem you we talked about?
Yes
So, I've heard of this new app that specializes in just that.
Check out Electric-Cache Project - Home Page 1 - flow #1 · Moqup
Read 9:30 AM
iMessage
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

Electri-Cache

Home | Battery | Stats | Template

# Grid Battery

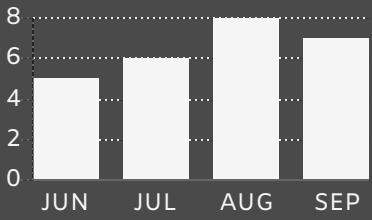
ON OFF

60%

## Savings

6.4 KG CO2

this October




## Prediction

Approx. 74

Gram CO2 today

### How much $CO_2$ is emitted?

According to the SMMT New Car Report 2017, UK cars:

- Emitted 68.5 $MtCO_2e$ (Metric tons of carbon dioxide equivalent) during 2016 – that's the same amount
- The average new car emits 120.1g/km of $CO_2$
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- Total $CO_2$ emissions from all vehicles currently on the road has fallen by 4.6% between 2000 – 2015

Electri-Cache

Home | Battery | Stats | Template

# Grid Battery

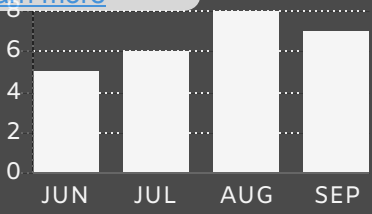
ON OFF

60%

Savings of carbon emissions in KG learn more

## Savings

6.4 KG CO2
this October




## Prediction

Approx. 74
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Electri-Cache

Home | Battery | Stats | Template

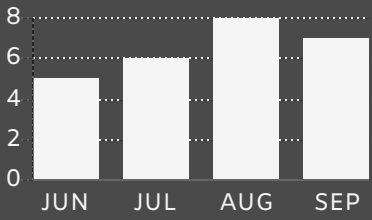
# Grid Battery

ON OFF

60%

## Savings

6.4 KG CO2
this October

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Electri-Cache

Home Battery Stats Template

Search... Enter

New Template

## At home nightly

22:00 till 6:00 next day Daily

ON OFF

View

## Saturday Off

00:00 till 1 hour before Sunset Weekly Sat

ON OFF

View

## Friday Off

Sunset till day end Weekly Fri

ON OFF

View

## Amelia's home

6:00 till 7:00 Daily

ON OFF

View

Save

Name

Template name here...

Time

Set grid battery level: Set percentage

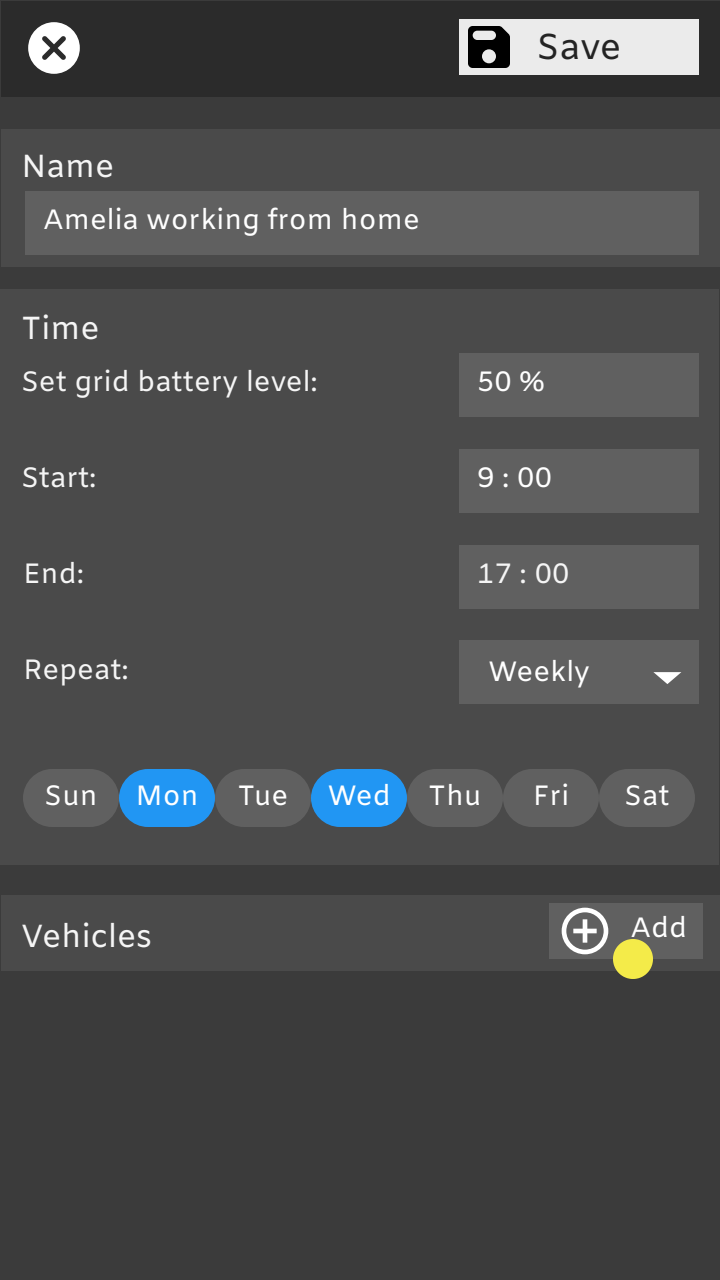
Start: Select a time

End: Select a time

Repeat: Frequency

Vehicles

Add


Save
Name
Amelia working from home
Time
Set grid battery level:
50 %
Start:
9 : 00
End:
17 : 00
Repeat:
Weekly
Sun
Mon
Tue
Wed
Thu
Fri
Sat
Vehicles
Add

Save

Name

Amelia working from home

Time

Set grid battery level: 50 %

Start: 9 : 00

Please enter a valid end time

End: 8: 00

Repeat: Frequency

Vehicles

Add

Save

Name

Amelia working from home

Time

Set grid battery level: 50 %

Sta

End

Rep

Sun Mon Tue Wed Thu Fri Sat

Vehicles

Save

Search... Enter

The wagon

Amelia's car

Save

Name

Amelia working from home

Time

Set grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Vehicles

Add

Amelia's car

Save

Name

Amelia working from home

Time

Set grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Vehicles

Add

Amelia's car

delete

Electri-Cache

Home | Battery | Stats | Template

Search... Enter

New Template

**At home nightly**
22:00 till 6:00 next day Daily
ON OFF
View

**Saturday Off**
00:00 till 1 hour before Sunset Weekly Sat
ON OFF
View

**Friday Off**
Sunset till day end Weekly Fri
ON OFF
View

**Amelia's home**
6:00 till 7:00 Daily
ON OFF
View

**Amelia working from ho...**
9:00 till 17:00 Weekly Mon, Wed
ON OFF
View

Name

Amelia working from home

Time

Grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Vehicles

Amelia's car

delete

Name

Amelia working from home

Time

Grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Vehicles

Amelia's car

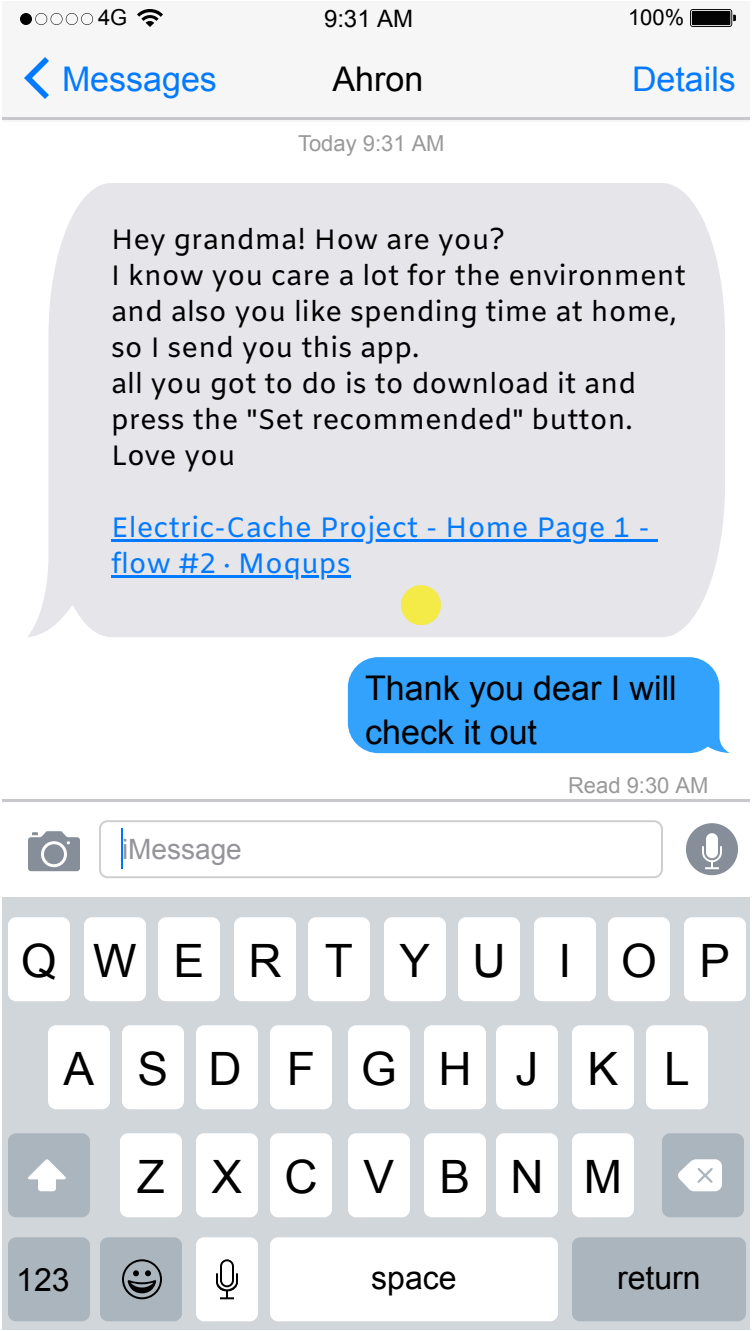
delete template?

delete

cancel

delete

Bailey, 87, widow +3, High School educated, worked as a typist, her grandkids bought her an electric car, because she cares for the environment.


4G
9:31 AM
100%
Messages
Ahron
Details
Today 9:31 AM
Hey grandma! How are you?
I know you care a lot for the environment and also you like spending time at home, so I send you this app.
all you got to do is to download it and press the "Set recommended" button.
Love you
Electric-Cache Project - Home Page 1 - flow #2 · Moqups
Thank you dear I will check it out
Read 9:30 AM
iMessage
Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123
space
return

Electri-Cache

Home | Battery | Stats | Template

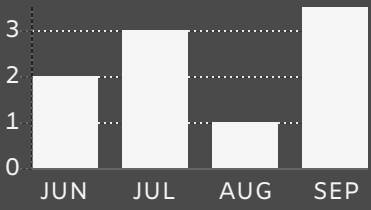
# Grid Battery

ON OFF

80%

## Savings

2.5 KG CO2
this October




## Prediction

Approx. 36
Gram CO2 today

### How much $CO_2$ is emitted?

According to the SMMT New Car Report 2017, UK cars:

- Emitted 68.5 $MtCO_2e$ (Metric tons of carbon dioxide equivalent) during 2016 – that's the same amount
- The average new car emits 120.1g/km of $CO_2$
- $CO_2$ emissions from cars has dropped by 8.9% between 2000 and 2015
- Total $CO_2$ emissions from all vehicles currently on the road has fallen by 4.6% between 2000 – 2015

Electri-Cache

Home Battery Stats Template

## Set recommended

ON OFF

The "recommended" button will initiate
a prediction program that will set the time
and percentage for charging and discharging.
This will help you save as much money
and emissions as possible.

Electri-Cache

Home | Battery | Stats | Template

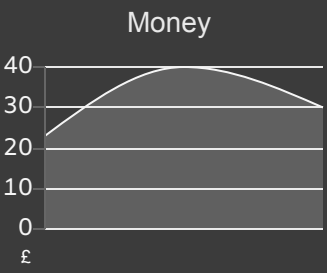
## Set recommended

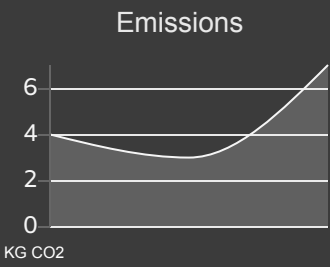
ON OFF

### Time

| | |
|---|---|
| Grid battery level: | 83.6 % |
| Start: | 16 : 00 |
| End: | 6 : 00 |
| Repeat: | Daily |

A precalculated three-day savings:



Fraida is married and has a cat. Is the logistics manager at Egged and has many electric buses under her watch that sit idle at certain times, part of her job requirements is to offset costs and as as make sure the company is meeting their sustainability goals. Freida is an expert at logistics, has excellent technological capabilities and uses a desktop at work.

Dear Frida Connor,

We hope this letter finds you well. We are writing to inform you of some exciting news regarding our operations here at Egged.

Starting from today, we will be implementing a new system called Electric-Cache for organizing the time of charging and discharging of our electric buses. This innovative system is designed to help us save money and reduce our carbon emissions at all times.

The Electric-Cache system will not only help us reduce our energy consumption and carbon footprint, but it will also enable us to better manage our fleet of electric buses and improve our overall efficiency.

We are excited about the potential of this new system and believe that it will be a game-changer for our company. We are committed to reducing our environmental impact and embracing sustainable practices wherever possible, and the Electric-Cache system is a significant step in that direction.

Thank you for your continued support and partnership with Egged. We look forward to working with you to build a cleaner, more sustainable future for all.

Sincerely,

Alon A. Rabinowitz & Yasmin Adler

Egged Headquarters

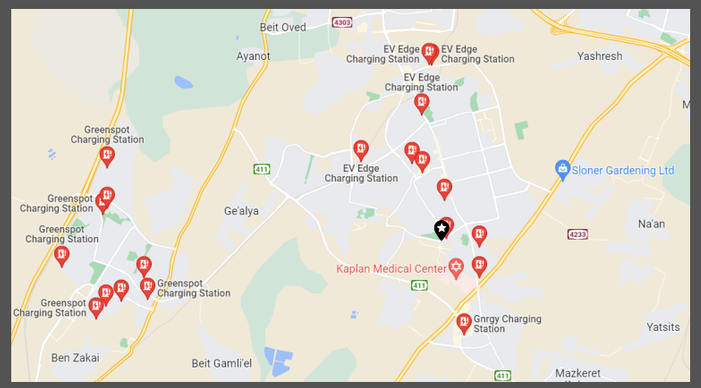
# Electri-Cache

Home | Battery | Stats | Template

## Set recommended

ON OFF

The "recommended" button will initiate a prediction program that will set the time and percentage for charging and discharging. This will help you save as much money and emissions as possible.




## Favorites

### TLV bus depot

23 HaDag, Tel-Aviv, Israel

## Grid Battery

ON OFF

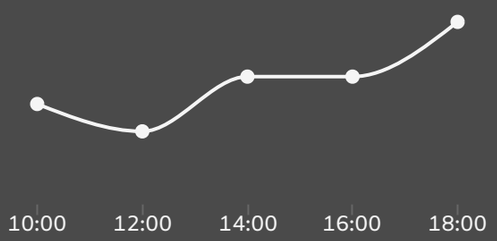
60%

## Prediction

74

Approx.

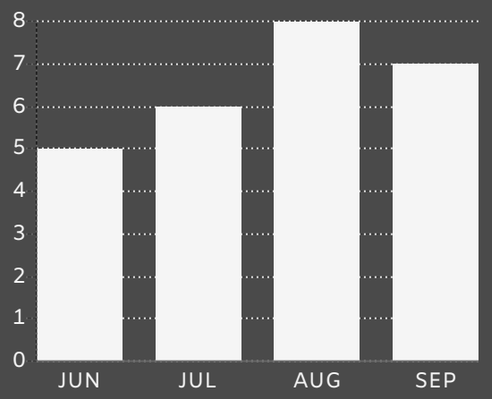
Gram CO2 today




## Savings

6.4 KG CO2

this October

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- Total $CO_2$ emissions from all vehicles currently on the road has fallen by 4.6% between 2000 – 2015

Search... Enter

New Template

### Night busses

22:00 till 6:00 next day Daily

ON OFF

### Saturday Off

00:00 till 1 hour before Sunset Weekly Sat

ON OFF

### Friday Off

Sunset till day end Weekly Fri

ON OFF

### Reserve buses

6:00 till 7:00 Daily

ON OFF

Customize

Electri-Cache

Home Battery Stats Template

Search... Enter

New Template

## Night busses

ON OFF

22:00 till 6:00 next day Daily

## Saturday Off

ON OFF

00:00 till 1 hour before Sunset Weekly Sat

## Friday Off

ON OFF

Sunset till day end Weekly Fri

## Reserve buses

ON OFF

6:00 till 7:00 Daily

Electri-Cache

Home | Battery | Stats | Template

Search... Enter

New Template

Night busses ON OFF

22:00 till 6:00 next day Daily

Saturday Off ON OFF

00:00 till 1 hour before Sunset Weekly Sat

Friday Off ON OFF

Sunset till day end Weekly Fri

Reserve buses ON OFF

6:00 till 7:00 Daily

New Template

Cancel

Save

Name

Template name here...

Time

Set grid battery level: Set percentage

Start: Set a time

End: Set a time

Repeat: Frequency

Vehicles

Add

Electri-Cache

Home | Battery | Stats | Template

Search... Enter

New Template

**Night busses** ON OFF

22:00 till 6:00 next day Daily

**Saturday Off** ON OFF

00:00 till 1 hour before Sunset Weekly Sat

**Friday Off** ON OFF

Sunset till day end Weekly Fri

**Reserve buses** ON OFF

6:00 till 7:00 Daily

**Parked Mon Wed**

9:00 till 17:00 Weekly Mon, Wed

Cancel

Save

## Name

Parked Mon Wed

## Time

Set grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun | Mon | Tue | Wed | Thu | Fri | Sat

## Vehicles

Add

Electri-Cache

Home | Battery | Stats | Template

Search... Enter

New Template

**Night busses** ON OFF

22:00 till 6:00 next day Daily

**Saturday Off** ON OFF

00:00 till 1 hour before Sunset Weekly Sat

**Friday Off** ON OFF

Sunset till day end Weekly Fri

**Reserve buses** ON OFF

6:00 till 7:00 Daily

**Parked Mon Wed** ON OFF

9:00 till 17:00 Weekly Mon, Wed

Cancel

Save

## Name

Parked Mon Wed

## Time

Set grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun | Mon | Tue | Wed | Thu | Fri | Sat

## Vehicles

Search... Enter

- [ ] 442-334-120
- [x] 393-233-687
- [ ] 384-474-292
- [x] 393-579-002
- [x] 203-384-558
- [x] 273-575-696
- [ ] 273-686-844
- [ ] 283-555-383
- [ ] 455-393-992
- [ ] 238-494-655

Search... Enter

New Template

**Night busses** ON OFF

22:00 till 6:00 next day Daily

**Saturday Off** ON OFF

00:00 till 1 hour before Sunset Weekly Sat

**Friday Off** ON OFF

Sunset till day end Weekly Fri

**Reserve buses** ON OFF

6:00 till 7:00 Daily

**Parked Mon Wed** ON OFF

9:00 till 17:00 Weekly Mon, Wed

ON OFF

Edit

## Name

Parked Mon Wed

## Time

Set grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Delete

## Vehicles

Search... Enter

393-233-687

393-579-002

203-384-558

273-575-696

Electri-Cache

Home | Battery | Stats | Template

Search... Enter

New Template

- **Night busses** — ON OFF
  22:00 till 6:00 next day Daily
- **Saturday Off** — ON OFF
  00:00 till 1 hour before Sunset Weekly Sat
- **Friday Off** — ON OFF
  Sunset till day end Weekly Fri
- **Reserve buses** — ON OFF
  6:00 till 7:00 Daily
- **Parked Mon Wed** — ON OFF
  9:00 till 17:00 Weekly Mon, Wed

ON OFF

Edit

## Name

Parked Mon Wed

## Time

| | |
|---|---|
| Set grid battery level: | 50 % |
| Start: | 9 : 00 |
| End: | 17 : 00 |
| Repeat: | Weekly |

Sun Mon ... ri Sat

Delete template?

Delete

Cancel

## Vehicles

Search... Enter

- 393-233-687
- 393-579-002
- 203-384-558
- 273-575-696

Electri-Cache

Home | Battery | Stats | Template

Search... Enter

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**Friday Off** ON OFF

Sunset till day end Weekly Fri

**Reserve buses** ON OFF

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**Parked Mon Wed** ON OFF

9:00 till 17:00 Weekly Mon, Wed

ON OFF

Edit

## Name

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## Time

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Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Delete

## Vehicles

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Electri-Cache

Home Battery Stats Template

Search... Enter

New Template

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## Saturday Off

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View

## Friday Off

Sunset till day end Weekly Fri

View

## Reserve buses

6:00 till 7:00 Daily

View

Electri-Cache

Home Battery Stats Template

Search... Enter

New Template

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6:00 till 7:00 Daily

Parked Mon Wed

9:00 till 17:00 Weekly Mon, Wed

Save

Name

Template name here...

Time

Set grid battery level: Set percentage

Start: Select a time

End: Select a time

Repeat: Frequency

Vehicles

Add

Electri-Cache

Home Battery Stats Template

Search... Enter

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Repeat: Weekly

Sun Mon Tue Wed Thu Fri Sat

Vehicles

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Electri-Cache

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Name

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Set grid battery level: 50 %

Start: 9 : 00

End: 17 : 00

Repeat: Weekly

Sun | Mon | Tue | Wed | Thu | Fri | Sat

Vehicles

Search... Enter

- [ ] 442-334-120
- [x] 393-233-687
- [ ] 384-474-292
- [x] 393-579-002
- [x] 203-384-558
- [x] 273-575-696
- [ ] 273-686-844
- [ ] 283-555-383
- [ ] 455-393-992
- [ ] 238-494-655