## Elektromotive EV infrastructure usage analysis



Region Brighton & Hove
Date of data collection 25/03/10
Previous date of data collection 13/10/09
Days of operation 163
Total No. of units in operation 4
Total No. of downloaded units 4

Notes Showing all transactions (including service and BHCC transactions)

Total power drawn	82.40	kW
Average power drawn	1.33	kW
	4.45.40	
Total recharging time	115.43	hours
Ave' recharging time per/trans	1.86	hours
Number of transactions	62	
Number of overstays	10	
Number of actual overstays	1	
Percentage of actual overstays	1.61%	

Location	Total power drawn	Total recharging time	Total transactions	Overstays	Actual OS
Bartholomews A	3.99	2.62	14	0	0
Bartholomews B	2.83	17.45	21	1	0
Ditchling Road A	18.21	24.25	5	3	0
Ditchling Road B	57.37	71.12	22	6	1
Totals	82.40	115.43	62	10	1

Additional Information		

Carbon Dioxide emission calculations and comparison				
Total power drawn this download	82.40	kW		
Average electrical consumption	0.30	kW/mile	Value derived from the G-Wiz and Smart ED	
Total mileage potential	274.65	miles		
Co2 from energy production	44.25	kg of Co2	Conversion factor 0.537 as per the National Energy	
			Foundation Co2 Calculator	
Petrol vehicle comparison				
Total Co2 emissions from petrol	98.87	kg Co2	Conversion factor 0.36 as per the National Energy	
for the same distance travelled		Ü	Foundation Co2 Calculator	
Co2 emission difference	54.63	kg Co2 savings		
Co2 reduction percentage	55%			

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