

NEDC STP

Template
Results

New European Driving Cycle

NEDC is a combination of the European Union Urban Driving Cycle and the Extra-Urban Driving Cycle (EUDC). It has been widely used for EV energy consumption and regenerative braking performance testing to compute Pure Electric Range.

ECC21-X2



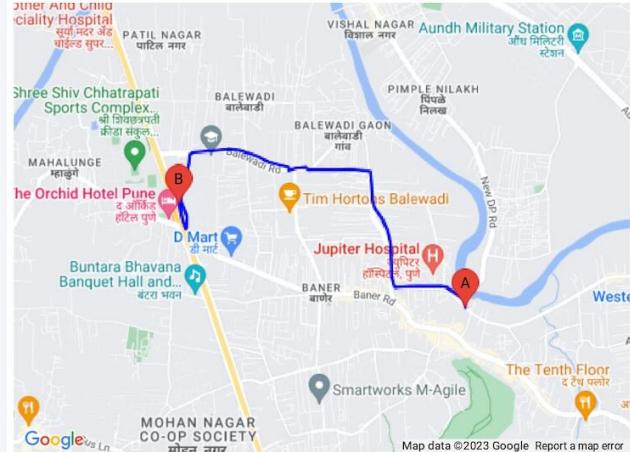
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Template Energy Consumption
106 Wh/Km

Template Range
272 KM

GPS Group - MAP



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NEDC STP - Template - NEDC Shortened Test Process

Live ...



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NEDC STP - Template - NECS STP Statistics

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NEDC Cycle 1 Delta REESSj (wh)	2641
NEDC Cycle 1 Distance (km)	22
NEDC Cycle 1 Start SOC (%)	100
NEDC Cycle 1 End SOC (%)	91
NEDC Cycle 1 consumedSOC (%)	9
NEDC Cycle 1 Energy Consumption per KM, ECDCj (wh/km)	120
CSSm Cycle Delta REESSj (wh)	21801
CSSm Cycle Distance (km)	146
CSSm Cycle Start SOC (%)	91
CSSm Cycle End SOC (%)	18
CSSm Cycle consumedSOC (%)	73
CSSm Cycle Energy Consumption per KM, ECDCj (wh/km)	149
NEDC Cycle 2 Delta REESSj (wh)	2312
NEDC Cycle 2 Distance (km)	22
NEDC Cycle 2 Start SOC (%)	18
NEDC Cycle 2 End SOC (%)	10
NEDC Cycle 2 consumedSOC (%)	8
NEDC Cycle 2 Energy Consumption per KM, ECDCj (wh/km)	105
CSSe Cycle Delta REESSj (wh)	2193

CSSm Cycle End SOC (%)	18
CSSm Cycle consumedSOC (%)	73
CSSm Cycle Energy Consumption per KM, ECDCj (wh/km)	149
NEDC Cycle 2 Delta REESSj (wh)	2312
NEDC Cycle 2 Distance (km)	22
NEDC Cycle 2 Start SOC (%)	18
NEDC Cycle 2 End SOC (%)	10
NEDC Cycle 2 consumedSOC (%)	8
NEDC Cycle 2 Energy Consumption per KM, ECDCj (wh/km)	105
CSSe Cycle Delta REESSj (wh)	2193
CSSe Cycle Distance (km)	14
CSSe Cycle Start SOC (%)	10
CSSe Cycle End SOC (%)	2
CSSe Cycle consumedSOC (%)	8
CSSe Cycle Energy Consumption per KM, ECDCj (wh/km)	157
Total Energy Comsumption (wh)	28947
Pure Energy Comsumption per KM (wh/km)	106
Pure Range (km)	272

NEDC STP
Computation
Results

NEDC - ECDC1
120.040586
91635923
Wh/km

NEDC - ECDC2
105.081933
16954707
Wh/km

NEDC - UBE STP
28948.75104
6972055

NEDC - K1
0.091226488
76543266

NEDC - K2
0.908773511
2345674

NEDC STP - Range
271.9580188
005383 km

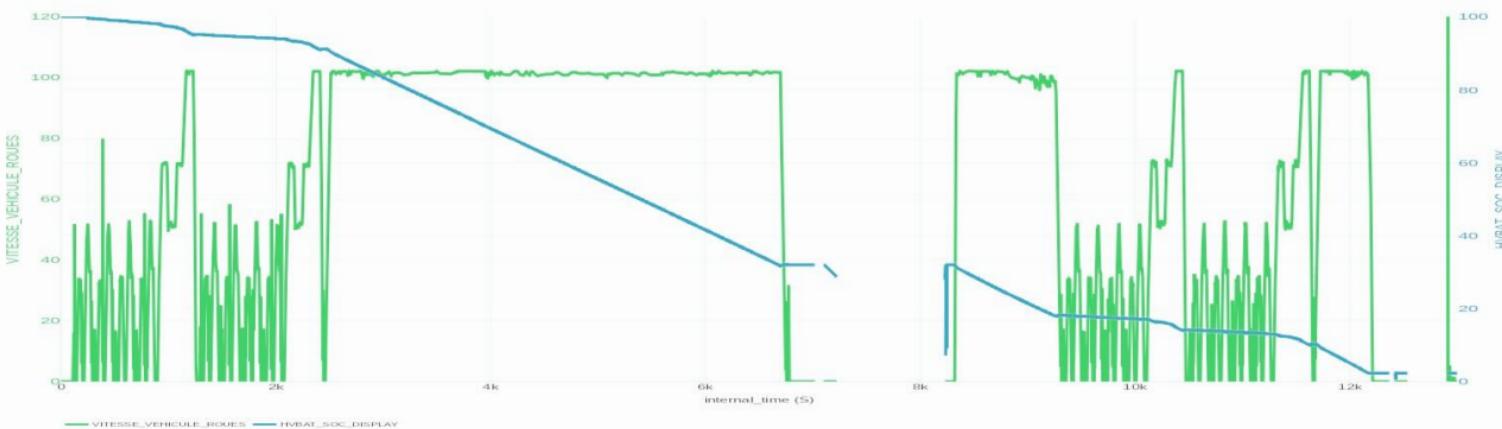
NEDC - Distance
covered in both
NEDC segments

22.0 km

NEDC - Cycle 1

Live

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Result Comparison

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Parameters	Template Results	Computed Results
ECDC 1 (Wh/km)	120	120.040
ECDC 2 (Wh/km)	106	105.081
K1	-	0.0912
K2	-	0.9087
Total Energy Consumption UBE STP (Wh)	28947	28948.75
Pure Electric Range (km)	272	271.9580