

NYC Fleet: Total Estimated Cost of Ownership Comparing Fuel, Hybrid, and EV Models

| Operating Cost for City Fleet Bolt, General Estimate (ALL-ELECTRIC) | |
|--|--|
| Purchase Price | \$38,806 Base model for FY18 was \$9,222; FY23 contract is less at \$28,806 |
| Charger Cost | \$2,778 Base Level 2 Charger \$2,278; Install estimate \$500 |
| Charger Cost Annualized | \$232 Over life of vehicle |
| Estimated Life, Years | 12 9 years and 80,000 miles is NYC Fleet Rules benchmark; Extending for EVs, Hybrids |
| Purchase Annualized | \$2,400.50 |
| Estimated Annual Mileage | 8,000 Estimated for consistent comparison |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 120 EPA MPG Equivalent, 2023; Used for comparison, unit is zero gas use |
| Annual Fuel Cost | \$195.33 Fuel Equivalent Cost Based on EPA Listing, not Actuals |
| Maintenance | \$394.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years) |
| TCO Annual | \$3,221.33 Excluding auction |
| Average Auction Revenue FY20 - FY22 | NA Only 2 Bolts have been auctioned off total, both were flood damaged |
| Average Auction Revenue Annualized | NA |
| TCO Annual (including Auction revenue) | NA |

| Operating Cost for City Fleet Prius, General Estimate (HYBRID) | |
|---|--|
| Purchase Price | \$22,984 Base model; FY18 Contract, no longer on contract |
| Estimated Life, Years | 11 9 years and 80,000 miles is NYC Fleet Rules benchmark; Extending for EVs, Hybrids |
| Purchase Annualized | \$2,089.45 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 52 EPA combined city/highway MPG, 2017 |
| Annual Fuel Cost | \$450.77 |
| Maintenance | \$1,093.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years) |
| TCO Annual | \$3,633.22 Excluding auction |
| Average Auction Revenue FY20 - FY22 | \$3,137.52 |
| Average Auction Revenue Annualized | \$285.23 |
| TCO Annual (including Auction revenue) | \$3,347.99 |

| Operating Cost for City Fleet Leaf, General Estimate (BEV, All-ELECTRIC) | |
|---|--|
| Purchase Price | \$33,294 Base model; FY23 contract |
| Charger Cost | \$2,778 Base Level 2 Charger \$2,278; Install estimate \$500 |
| Charger Cost Annualized | \$232 Over life of vehicle |
| Estimated Life, Years | 12 9 years and 80,000 miles is NYC Fleet Rules benchmark; Extending for EVs, Hybrids |
| Purchase Annualized | \$2,774.50 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 111 EPA MPG Equivalent, 2023; Used for comparison, unit is zero gas use |
| Annual Fuel Cost | \$211.17 Fuel Equivalent Cost |
| Maintenance | \$504.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years) |
| TCO Annual | \$3,721.17 Excluding auction |
| Average Auction Revenue FY20 - FY22 | \$1,906.25 |
| Average Auction Revenue Annualized | \$158.85 |
| TCO Annual (including Auction revenue) | \$3,562.32 |

| Operating Cost for City Fleet Fusion, General Estimate (GAS) | |
|---|---|
| Purchase Price | \$22,866 Last purchase 2017; vehicle model discontinued |
| Estimated Life, Years | 10 9 years and 80,000 miles is NYC Fleet Rules benchmark |
| Purchase Annualized | \$2,286.60 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 27 EPA MPG, 2017 |
| Annual Fuel Cost | \$868.15 |
| Maintenance | \$1,026.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years) |
| TCO Annual | \$4,180.75 Excluding auction |
| Average Auction Revenue FY20 - FY22 | \$1,765.43 |
| Average Auction Revenue Annualized | \$176.54 |
| TCO Annual (including Auction revenue) | \$4,004.21 |

| Operating Cost for City Fleet Fusion, General Estimate (HYBRID) | |
|--|--|
| Purchase Price | \$24,308 Last purchase 2020; vehicle model discontinued |
| Estimated Life, Years | 11 9 years and 80,000 miles is NYC Fleet Rules benchmark; Extending for EVs, Hybrids |
| Purchase Annualized | \$2,209.78 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 42 EPA MPG, 2020 |
| Annual Fuel Cost | \$558.10 |
| Maintenance | \$1,502.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years) |
| TCO Annual | \$4,269.87 Excluding auction |
| Average Auction Revenue FY20 - FY22 | \$1,655.15 |
| Average Auction Revenue Annualized | \$150.47 |
| TCO Annual (including Auction revenue) | \$4,119.40 |

| Operating Cost for City Fleet F150, General Estimate (GAS) | |
|---|---|
| Purchase Price | \$25,940 Base model; FY23 contract |
| Estimated Life, Years | 10 9 years and 80,000 miles is NYC Fleet Rules benchmark |
| Purchase Annualized | \$2,594.00 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 20 EPA MPG, 2023 |
| Annual Fuel Cost | \$1,172.00 |
| Maintenance | \$1,767.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years); Mini-Pickups |
| TCO Annual | \$5,533.00 Excluding auction |
| Average Auction Revenue FY20 - FY22 | \$6,383.33 |
| Average Auction Revenue Annualized | \$638.33 |
| TCO Annual (including Auction revenue) | \$4,894.67 |

| Operating Cost for City Fleet F150, General Estimate (ALL-ELECTRIC) | |
|--|--|
| Purchase Price | \$42,945 Base model; FY23 contract |
| Charger Cost | \$2,778 Base Level 2 Charger \$2,278; Install estimate \$500 |
| Charger Cost Annualized | \$232 Over life of vehicle |
| Estimated Life, Years | 12 9 years and 80,000 miles is NYC Fleet Rules benchmark; Extending for EVs, Hybrids |
| Purchase Annualized | \$3,578.75 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$2.93 Average cost for City gas, FY23 |
| Fuel economy | 68 EPA MPG Equivalent, 2023; Used for comparison, unit is zero gas use |
| Annual Fuel Cost | \$344.71 Fuel Equivalent Cost |
| Maintenance | \$883.50 No current data; Estimated here assumes 50% maintenance reduction from F150 gas |
| TCO Annual | \$5,038.46 Excluding auction |
| Average Auction Revenue FY20 - FY22 | NA None auctioned off yet. |
| Average Auction Revenue Annualized | NA |
| TCO Annual (including Auction revenue) | NA |

| Operating Cost for City Fleet 350 Van, General Estimate (DIESEL) | |
|---|--|
| Purchase Price | \$39,547 Last purchase 2020 |
| Estimated Life, Years | 10 9 years and 80,000 miles is NYC Fleet Rules benchmark |
| Purchase Annualized | \$3,954.70 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$4.12 Average cost for City diesel, FY23 |
| Fuel economy | 15 Estimated MPG, 2020, not rated by EPA, data is from Car and Driver |
| Annual Fuel Cost | \$2,197.33 |
| Maintenance | \$1,303.00 DCAS Holman Annual Maintenance Report, FY18 through FY22 (5 years); full size van |
| TCO Annual | \$7,455.03 Excluding auction |
| Average Auction Revenue FY20 - FY22 | \$8,014.38 No diesel 350 vans auctioned off yet. Used Sprinter 2500 / 3500 for comparison |
| Average Auction Revenue Annualized | \$801.44 |
| TCO Annual (including Auction revenue) | \$6,653.60 |

| Operating Cost for City Fleet 350 Van, General Estimate (ALL-ELECTRIC) | |
|---|--|
| Purchase Price | \$56,220 Base model; FY23 contract |
| Charger Cost | \$2,778 Base Level 2 Charger \$2,278; Install estimate \$500 |
| Charger Cost Annualized | \$232 Over life of vehicle |
| Estimated Life, Years | 12 9 years and 80,000 miles is NYC Fleet Rules benchmark; Extending for EVs, Hybrids |
| Purchase Annualized | \$4,684.97 |
| Estimated Annual Mileage | 8,000 |
| Cost of fuel | \$4.12 Average cost for City diesel, FY23 |
| Fuel economy | 61 Estimated MPG Equivalent, 2023, not rated by EPA, data is from Motortrend |
| Annual Fuel Cost | \$540.33 Fuel Equivalent Cost |
| Maintenance | \$51.50 No current data; Estimated here assumes 50% maintenance reduction from full size van |
| TCO Annual | \$6,108.30 Excluding auction |
| Average Auction Revenue FY20 - FY22 | NA None auctioned off yet. |
| Average Auction Revenue Annualized | NA |
| TCO Annual (including Auction revenue) | NA |