**CMAP FY 2016-2020 CMAQ PROJECT APPLICATION**

**DiReCT Emissions Reduction PROJECTS**

|  |  |
| --- | --- |
| I. PROJECT IDENTIFICATION |  |
| Project Sponsor | Contact Information – Name, Title, Agency, Address, Phone, Fax,E-Mail |
| Other Agencies Participating In Project |
| [ ]  New Project[ ]  Existing CMAQ Project[ ]  Add CMAQ to Existing Project | TIP ID if project already has one |
| II. PROJECT LOCATION | * Projects not readily identified by location must provide a title on the last line of this section
* Attach a map sufficient to accurately locate this project in a GIS system
 |
| Location of Equipment or Facility to be Improved | Marked Route # |
| Other Project Location Information or Project Title |
| III. Project Financing & CMAQ FUNDING REQUEST | Please review the [instructions](http://www.cmap.illinois.gov/documents/10180/359450/Form%2BInstructions%2BFY16-20%2BCMAQ%2Band%2BFY15-16%2BTAP/1b35420a-5b8d-4bea-8bdc-6bdd58aacbdd). |
|  | Starting Federal FiscalYear\* | Total Phase Costs | (New) CMAQ Funds Requested | Other Federal FundsIncluding prior CMAQ awards |
| Fund Type | Amount |
| Engineering (For Implementation Projects) |  | **$** | **$** |  | **$** |
| Implementation |  | **$** | **$** |  | **$** |
| \*Phase must be accomplished within 3 years | **$** | **$** |  |
| Total Project Costs: |
| Source of Local Matching Funds: | Indicate if sponsor intends to apply for Transportation Development Credits. |
| If soft matching funds are intended to be used, please contact CMAP staff. |
| Have Matching Funds Been Secured?(Provide Details): |  |
| IV. PROJECT EMISSIONS BENEFIT DATA | Complete this section for each group of vehicles (type, engine, technology, etc.). Use additional sheets as needed. |
| Vehicle Type: [ ]  School Bus [ ]  Transit Bus [ ]  Refuse Hauler [ ]  Short Haul [ ]  Long Haul [ ]  Delivery Truck(check one) [ ]  Emergency Vehicle [ ]  On-Highway [ ]  City/County Vehicle [ ]  Passenger Locomotive [ ]  Switch Engine [ ]  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ specify |
| Vehicle Size: [ ]  Class 2b (8,501 - 10,000 lbs.) [ ]  Class 3 (10,001 - 14,000 lbs.) [ ]  Class 4 (14,001 - 16,000 lbs.)(check one) [ ]  Class 5 (16,001 - 19,500 lbs.) [ ]  Class 6 (19,501 - 26,000 lbs.) [ ]  Class 7 (26,001 - 33,000 lbs.) [ ]  Class 8a (33,001 - 60,000 lbs.) [ ]  Class 8b (60,001 and over) [ ]  School Bus [ ]  Transit Bus |
| Horsepower [ ]  0 [ ]  1 [ ]  3 [ ]  6 [ ]  11 [ ]  16 [ ]  25 [ ]  40 [ ]  50 [ ]  75 [ ]  175(check one) [ ]  300 [ ]  600 [ ]  750 [ ]  1000 [ ]  1200 [ ]  2000 [ ]  3000 |
| Current Fuel Type: [ ]  LPG [ ]  LNG [ ]  CNG [ ]  Biodiesel 100 [ ]  Biodiesel 20 [ ]  Biodiesel 10 [ ]  Biodiesel 5(check one) [ ]  E85 [ ]  Diesel, 3,400 ppm sulfur [ ]  Diesel, 500 ppm sulfur [ ]  Diesel, 15 ppm sulfur [ ]  Emulsion |
| Model Year (all vehicles in a group should have the same model year): \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Before project: Fuel Consumed (gallons per year of current fuel type for all vehicles in the group combined): \_\_\_\_\_\_\_\_\_\_\_ gallons |
| After project: Fuel Consumed (gallons per year of current fuel type for all vehicles in the group combined): \_\_\_\_\_\_\_\_\_\_\_ gallons |
| Before project Annual Vehicle Miles/vehicle in group: \_\_\_\_\_\_\_\_\_\_\_\_\_ miles Annual Idling Hours/vehicle in group: \_\_\_\_\_\_\_\_\_hours |
| After project Annual Vehicle Miles/vehicle in group: \_\_\_\_\_\_\_\_\_\_\_\_\_ miles Annual Idling Hours/vehicle in group: \_\_\_\_\_\_\_\_\_hours |

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| --- | --- | --- | --- |
| Technology to be Applied | # veh | Technology to be Applied | # veh |
| Diesel Oxidation Catalyst |  | Recalibration |  |
| Diesel Oxidation Catalyst + Closed Crankcase Ventilation |  | Selective Catalytic Reduction |  |
| Diesel Particulate Filter |  | Exhaust Gas Recirculation + Diesel Particulate Filter |  |
| Hybrid Electric Replacement with Diesel Particulate Filter |  | Emissions Control Devices |  |
| Partial Flow Filter |  | Other |  |
| Compressed Natural Gas (CNG) Replacement |  | Engine Repower |  |
| Lean NOx Catalyst/Diesel Particulate Filter |  | Engine Replacement |  |
| Post-Implementation Fuel Type: [ ]  LPG [ ]  LNG [ ]  CNG [ ]  Biodiesel 100 [ ]  Biodiesel 20 [ ]  Biodiesel 10 [ ]  Biodiesel 5(check one) [ ]  E85 [ ]  Diesel, 3,400 ppm sulfur [ ]  Diesel, 500 ppm sulfur [ ]  Diesel, 15 ppm sulfur (non-road only) [ ]  Emulsion [ ]  Electricity |
| Diesel Vehicle Replacement ApplicantsExpected remaining life of vehicles being replaced (years):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Total Number of Vehicles (all groups combined): \_\_\_\_\_\_\_\_\_\_\_\_\_ vehicles |
| Indicate on the map the location of where vehicles will be in service. |
| Time of day that vehicles will be in operation (hour): From\_\_\_\_\_\_\_\_\_to \_\_\_\_\_\_\_\_\_. |
| Ridership Demographics (If vehicle is for transit service):% over 65 in age \_\_\_\_\_\_\_\_, % under 5 in age \_\_\_\_\_\_\_\_\_, median household income \_\_\_\_\_\_\_\_, % minority \_\_\_\_\_\_\_\_\_ |
| V. PROGRAM MANAGEMENT INFORMATION |  |
| Is Right-Of-Way Acquisition required for this project? [ ]  Yes [ ]  No If so, has it been acquired? [ ]  Yes [ ]  No |
| Estimated Completion Year/Year Vehicles in Service: **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  |
| VI. PROJECT DESCRIPTION |
| 1. Please describe improvements. Include links or other reference to the US EPA/CARB certification or verification. |