



LEED ND: Built Project | v3 - LEED 2009

Transportation demand management

NPDc8 | Possible 2 points

Glossary

Intent

To reduce energy consumption, pollution from motor vehicles, and adverse public health effects by encouraging multimodal travel.

Requirements

For all projects

Earn one point for every two options achieved below, for a maximum of two points. For the purposes of this credit, existing buildings and their occupants are exempt from the requirements.

Option 1. TDM program

Create and implement a comprehensive transportation demand management (TDM) program for the project that reduces weekday peak-period motor vehicle trips by at least 20% compared with a baseline case, and fund the program for a minimum of three years following build-out of the project. The TDM program must be prepared by a qualified transportation professional. Any trip reduction effects of Options 2, 3, 4, or 5 may not be included in calculating the 20% threshold.

OR

Option 2. Transit passes

Provide transit passes valid for at least one year, subsidized to be half of regular price or cheaper, to each occupant locating within the project during the first three years of project occupancy (or longer). Publicize the availability of subsidized transit passes are available to project occupants;

OR

Option 3. Developer-sponsored transit

Provide year-round, developer-sponsored private transit service (with vans, shuttles, buses) from at least one central point in the project to other major transit facilities, and/or other destinations such as a retail or employment center, with service no less frequent than 45 daily weekday trips and 30 daily weekend trips. The service must begin by the time the project total floor area is 20% occupied and must be guaranteed for at least three years beyond project build-out. Twenty percent occupancy is defined as residents living in 20% of the dwelling units and/or employees working in 20% of the total nonresidential floor area.

Provide transit stop shelters and bicycle racks adequate to meet projected demand but no less than one shelter and one bicycle rack at each transit stop. Shelters must be covered, be at least partially enclosed to buffer wind and rain, and have seating and illumination. Bicycle racks must have a two-point support system for locking the frame and wheels and must be securely affixed to the ground or a building. Any alternative to bicycle racks must ensure bikes will be stored safely and access to these bikes must be convenient for visitors and customers.

OR

Option 4. Vehicle sharing

Locate the project such that 50% of the dwelling units and nonresidential building entrances are within a 1/4 mile (400 meters) walk distance of at least one vehicle in a vehicle-sharing program. For each vehicle, dedicate one parking space accessible to vehicle-sharing members. Through signage and other means, publicize to project occupants the availability and benefits of the vehicle-sharing program. If the project has more than 100 dwelling units and/or employees and has a minimum transit service of 60 daily weekday trips and 40 daily weekend trips, at least one additional vehicle and parking space for every 100 dwelling units and/or employees must be available. If the project has more than 100 dwelling units and/or employees but does not have transit service at the frequencies specified above, at least one additional vehicle and parking space for every 200 dwelling units and/or employees must be available. Where new vehicle locations are created, a vehicle sharing program must begin by the time the project total floor area is 20% occupied; commit to providing vehicles to the locations for at least two years. Twenty percent occupancy is defined as residents living in 20% of the project dwelling units and/or employees working in 20% of the total nonresidential floor area of the project.

OR

Option 5. Unbundling of parking

For 90% of multiunit residential units and/or nonresidential floor area, the associated parking spaces are sold or rented separately from the dwelling units and/or nonresidential floor area.