5th International Conference and Exhibition on

MECHANICAL & AEROSPACE ENGINEERING

October 02-04, 2017 Las Vegas, USA

Renewable methane for vehicle fuel

James F Hunsucker West Virginia University, USA

Recently there has been a push for cleaner and renewable resources. Also as a country the United States has been discovering new Rnatural gas reserves, and developing new more innovative ways to retreive this natural gas. In addition to the growing reserves of new ways of processing waste to acquire methane are being utilized. The next step in the progression is creating vehicles that are capable of using methane as a fuel source. This will have to stem from a reinvention of the internal combustion engine in some facet. Moving the vehicle fleet to natural gas will produce less carbon emissions than gasoline, and have less impact on global warming. The electric cars being made today do not provide the same effective range as fossil fuel powered vehicles. The electric car technology needs to be vastly improved before it will take over as the dominate power for transportation. Until this new innovation is reached natural gas can provided a cleaner means for our transportaion needs.

jhunsuck@mail.wvu.edu jhunsuck@mail.wvu.edu