

Subject: FW: Dra(MONTGOMERY COUNTY CLIMATE ACTION PLAN
Date: Tuesday, February 16, 2021 at 10:27:19 AM Eastern Standard Time
From: Climate
To: Wejnert-Depue, Camille, Kallgren, Sarah

From: [REDACTED]
Sent: Sunday, February 14, 2021 5:31 PM
To: Climate <Climate@montgomerycountymd.gov>
Subject: FW: Dra(MONTGOMERY COUNTY CLIMATE ACTION PLAN

From: Jim Ballard [REDACTED]
Sent: Sunday, February 14, 2021 10:04 AM
To: [REDACTED]
Subject: Dra(MONTGOMERY COUNTY CLIMATE ACTION PLAN

[EXTERNAL EMAIL]

The word "hydrogen" does not seem to appear once in this draft report. It is a fallacy that building and transportation will rely totally on the green electric grid.

There will need to be an underlying green hydrogen gas supply and storage system to make the grid work reliably and this gas system will also charge fuel cells rather than batteries as we normally think of as chemical storage of electricity. Fuel cells charge like a gas tank in very little time, as opposed to electrically charging batteries.

This fuel cell/battery choice for transportation storage is a convergence of the two (gas/grid) systems' demand as I would call both "electrified transportation". We would have a choice to charge the transportation fuel cells off the electric grid like a battery or at a hydrogen gas station.

You may recall recent emails regarding what I call the Dickerson Solar Park. Station H CT would eventually be converted to a hydrogen generator to help charge the hydrogen gas storage system.

Please watch the following videos. I would skip the first 25 minutes of Dr. Chu's video, where he starts his discussion of storage. I recommend watching all of Badar Khan's (from National Grid) video.

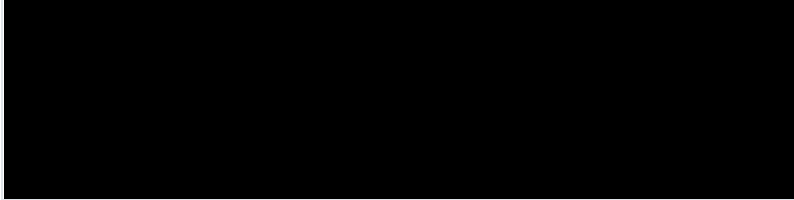
Dr, Chu-

<https://www.youtube.com/watch?v=-9SPgLLg0W0>

Badar Khan

<https://www.youtube.com/watch?v=CzRMuFYDBVk>

[\[9 November\] Landmark study reviews current technology that could help roll out hydrogen across the UK gas network | National Grid Group](#)



[9 November] Landmark study reviews current technology that could help r...

National Grid, in collaboration with Cadent, Northern Gas Networks, SGN and Wales & West Utilities, have complet...

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