

From: Zafar, Marzia  
Sent: 8/25/2010 11:18:47 AM  
To: Dietz, Sidney (/O=PG&E/OU=Corporate/cn=Recipients/cn=SBD4); [Redacted]  
[Redacted]  
Cc:  
Bcc:  
Subject: Re: [Redacted]

Yay!!!  
Michael - can I call you at 1pm today for 5 minutes.  
Thank You,  
Marzia Zafar

**From:** Herz, Michael  
**To:** Dietz, Sidney ; Zafar, Marzia  
**Sent:** Wed Aug 25 10:21:21 2010  
**Subject:** RE: [Redacted]

Sid & Marzia,

[Redacted]

[http://www.dot.ca.gov/hq/transprog/ctcbooks/2006/0406/10%20\(4.5\).pdf](http://www.dot.ca.gov/hq/transprog/ctcbooks/2006/0406/10%20(4.5).pdf)

### **In-Vehicle Transponders**

Current Transponder Technology: Passive Transponders

Electronic "passive" transponders are typically mounted in the windshield of the vehicle and are encoded with an identification number unique to a single user. Roadside antennas placed along the road, on overhead structures, or in conjunction with an existing tollbooth emit radio frequency signals in order to communicate with vehicle transponders. A passive transponder becomes active and provides its unique identification number when probed by the roadside antennas. [Redacted]

[Redacted] to provide one-way transmission of information. This technology can be used in an open-road tolling configuration (no actual toll plaza is required and the traffic is free to move unimpeded at freeway speeds).

I haven't seen any information about exposure.

Redacted

EMF Program Manager  
Pacific Gas and Electric Company

Redacted

**From:** Dietz, Sidney  
**Sent:** Wednesday, August 25, 2010 9:33 AM  
**To:** 'marzia.zafar@cpuc.ca.gov'; Herz, Michael  
**Subject:** Re: Redacted

Redacted

Do you know the answer to Marzia's question?

yours,

sid

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Do I seem terse? Blame the thumb keyboard.

**From:** Zafar, Marzia <marzia.zafar@cpuc.ca.gov>  
**To:** Dietz, Sidney  
**Sent:** Wed Aug 25 09:26:04 2010  
**Subject:** Redacted

Hi Sid,

Hope all is well. Hey, I wanted to check with Michael - your EMF manager - whether he knew how much EMF/RF the "FastTrack" thingies emit. Can you please check with him or give me his email address, please.

thanks,

Marzia Zafar - [Zaf@cpuc.ca.gov](mailto:Zaf@cpuc.ca.gov) - 415-703-1997