Dear SME,

Thanks for agreeing to help out with this effort. Our task is to match each of the following communication protocols to the requirements that have been extracted from the known use cases. In order to help us get the right information to the right people and to properly summarize things for the CPUC, we're asking for your help in getting some basic information. Please complete the following to the best of your ability.

Section 1: Who and What

Please select your name from the following list or enter it manually: Please Enter

Please select your protocol from the following list or enter it manually: Please Enter

What is the current (approved by standards/industry group) version of your protocol?

When was it approved? Enter Month / year Is it currently being revised ? Please Select

What is the anticipated date for the approval/release of the next version? Enter Month / year

Section 2: When and Why

Please input a short narrative of the problem that your protocol was created to address, and when it first was adopted.

Section 3: Current Status:

Please summarize the current usage and level of adoption of this protocol. If possible, please discuss the number and location(s) of current implementations of the protocol.

Section 4: Actors Currently in Play:

In order to decouple protocol specific nomenclature and to reduce the number of actors to the minimum relevant number, we've come up with the following list. Please indicate what actors are able to communicate directly with each other by using your protocol.

	EV Driver (EVD)	Power Flow Entity (PFE)	Utility Customer of Record (UCR)	EV Battery System (EVBS)	EV Power Converter System (EVPC)	Energy Connection System (ECS)	Energy Meter (EM)	Building Management System (BMS)
EV Driver (EVD)	-	✓				✓		
Power Flow Entity (PFE)		-				✓		
Utility Customer of Record (UCR)			-					
EV Battery System (EVBS)				-		✓		
EV Power Converter System (EVPC)					-			
Energy Connection System (ECS)						-		
Energy Meter (EM)							-	
Building Management System (BMS)								-

Please add any notes needed to clarify the above table

What physical layer(s) does this protocol use for communication between devices?

What language is used for communicating between devices (i.e. html, xml, etc.)

Section 5: Actors Anticipated to be in Play (As appropriate):

If the next version of your protocol is expected to allow for additional communications, please indicate them in the following.

	EV Driver (EVD)	Power Flow Entity (PFE)	Utility Customer of Record (UCR)	EV Battery System (EVBS)	EV Power Converter System (EVPC)	Energy Connection System (ECS)	Energy Meter (EM)	Building Management System (BMS)
EV Driver (EVD)	-	☐	☐	☐	☐	☐	☐	☐
Power Flow Entity (PFE)	☐	-	☐	☐	☐	☐	☐	☐
Utility Customer of Record (UCR)	☐	☐	-	☐	☐	☐	☐	☐
EV Battery System (EVBS)	☐	☐	☐	-	☐	☐	☐	☐
EV Power Converter System (EVPC)	☐	☐	☐	☐	-	☐	☐	☐
Energy Connection System (ECS)	☐	☐	☐	☐	☐	-	☐	☐
Energy Meter (EM)	☐	☐	☐	☐	☐	☐	-	☐
Building Management System (BMS)	☐	☐	☐	☐	☐	☐	☐	-

Please indicate any additional functionality or limitations to functionality that are germane to the consideration of this protocol:

What physical layer(s) does this protocol use for communication between devices?

What language is used for communicating between devices (i.e. html, xml, etc.)

Section 6: DC, Single Phase, or Polyphase:

Does your protocol include functionality to manage the flow of DC energy? Please Select

Does your protocol include functionality to manage the flow of AC energy? Please Select

Does your protocol include functionality to manage the flow of polyphase AC energy? Please Select

Does your protocol include functionality to manage the flow of energy from the vehicle back to the grid? Please Select

If needed, please add any explanatory details to the answers in section 6: