





www.epri.com/VPL







440+ PRODUCTS
70+ VENDORS

ELECTRICAL

- NRTL Certificates
- EnergyStar
- CTEP
- Connector Types

PHYSICAL

- NEMA 3R Temperature Ratings
- ADA Compliance

EVSE NETWORK CAPABILITY

- Hardware-focu sed
- OCPP 1.6 / 2.0.1
- OpenADR 2.0b

NETWORK

- Software-focus ed
- OCPP 1.6 / 2.0.1
- Support for Demand Response

STATE REQUIREMENTS

- CaliforniaState
- Washington State
- State Appliance Standards Database (SASD)

TITLE 23 (NEVI)

- Hardware-side requirements
- Buy America

CUSTOM

- OrganizationData SharingAgreements
- Current Limits for Residential EVSE







EVSE Vendors

- Applying for dozens of individual lists
- Paying many individual application fees
- Limited chances to have product updates reflected

Organizations

- High maintenance costs to stand up and update approved product lists
- Little industry convergence towards common set of standards









ORGANIZATIONS

 Work with EPRI to develop criteria list









WEB PORTAL

Updated roughly monthly



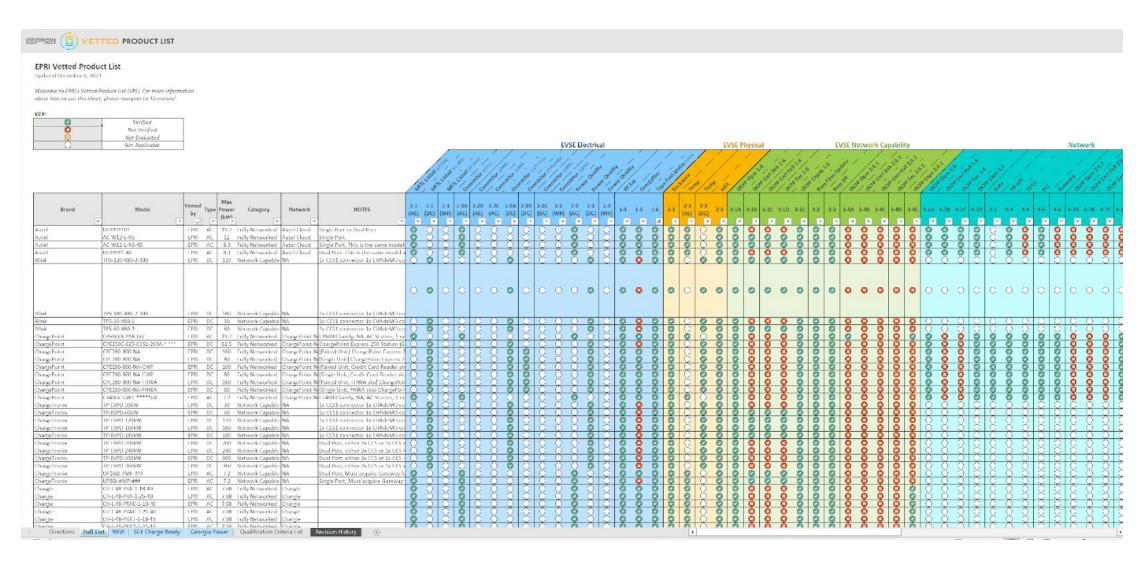
PRODUCT VENDORS

- Submit application and product information
- 2-3 week vetting process





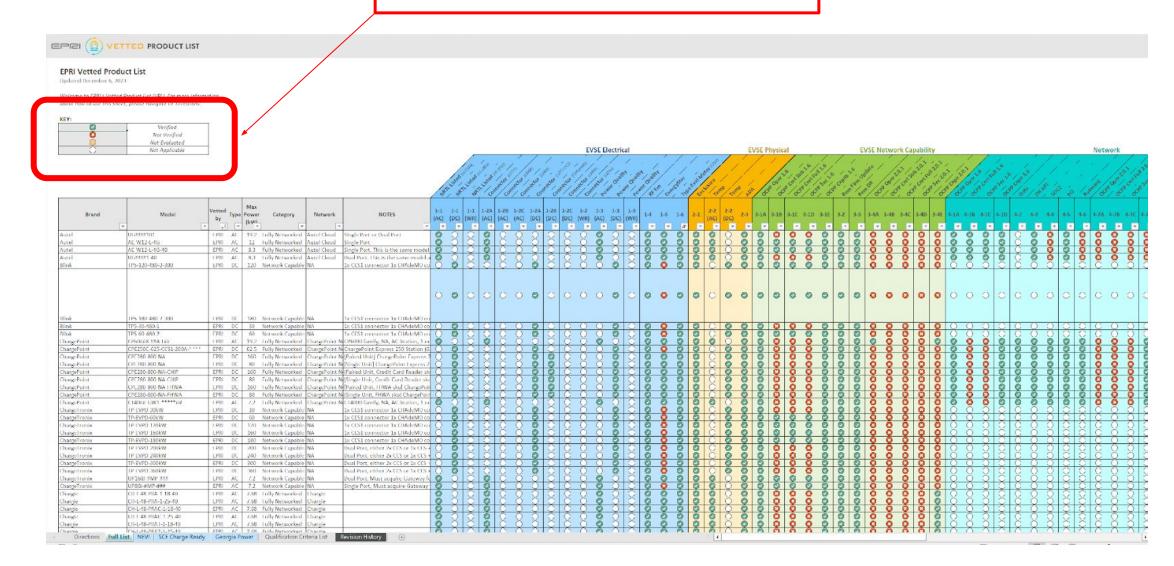








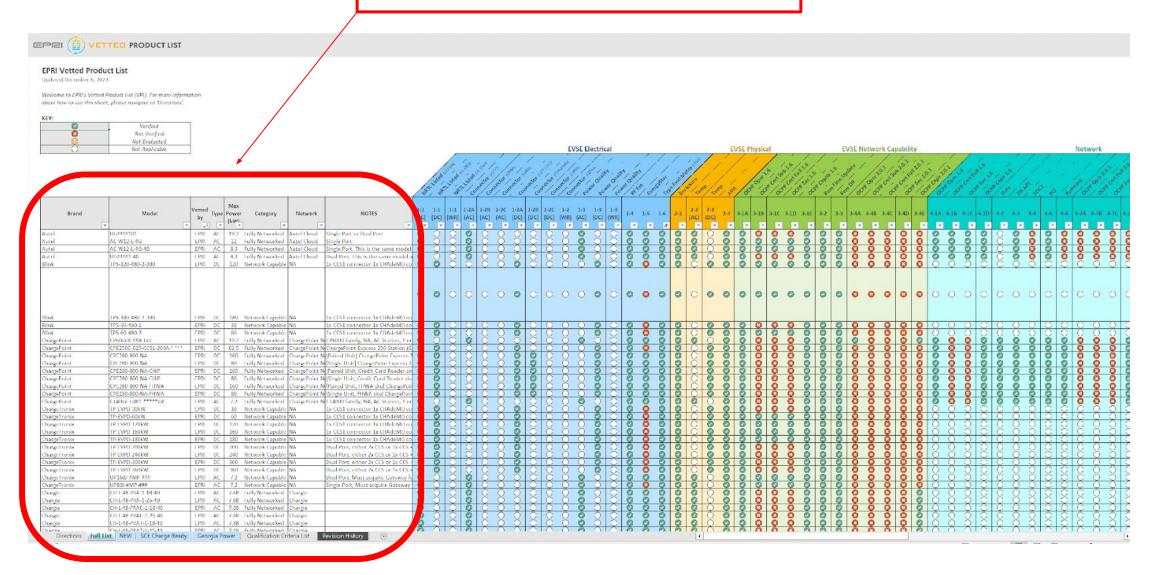
PRODUCT CRTIERIA KEY







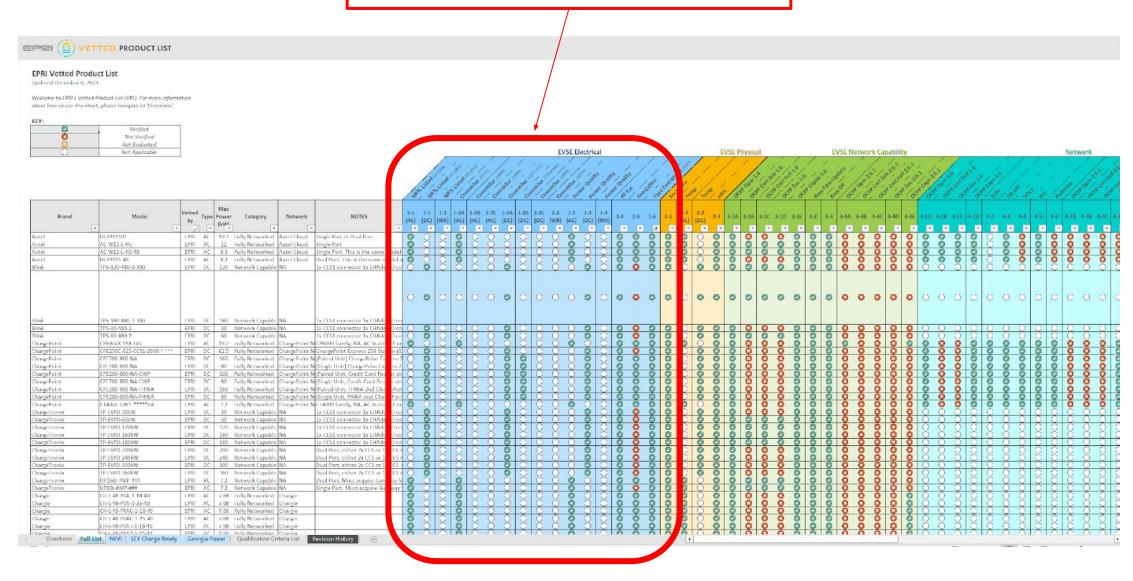








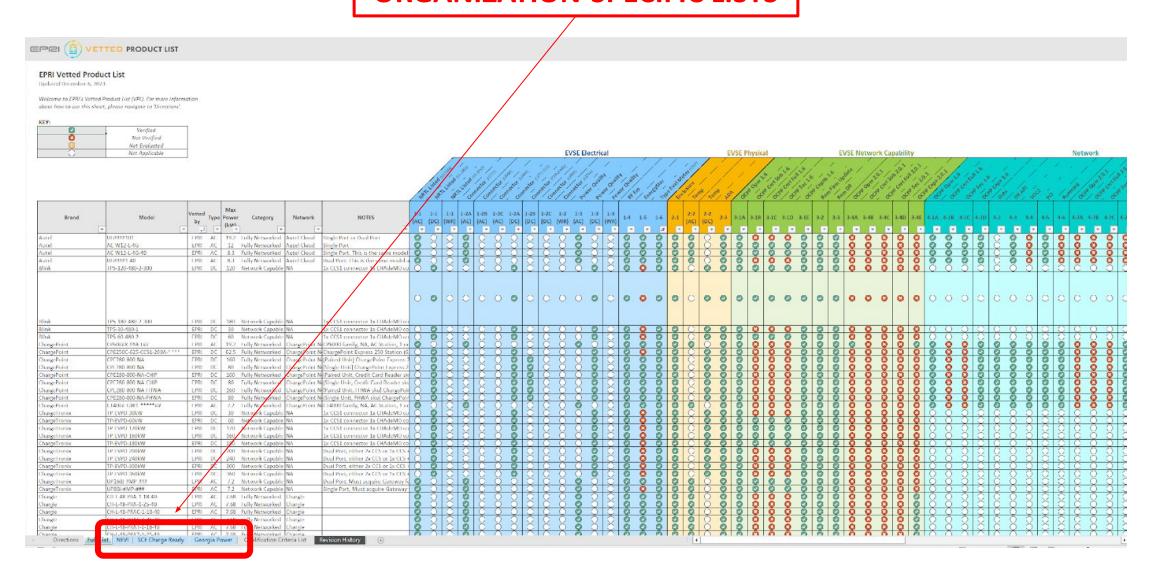






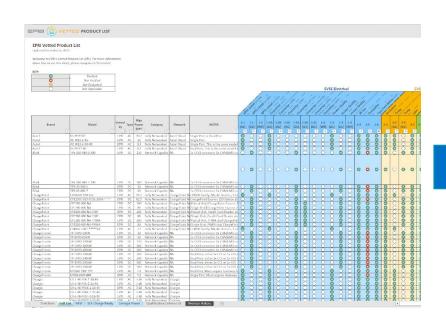


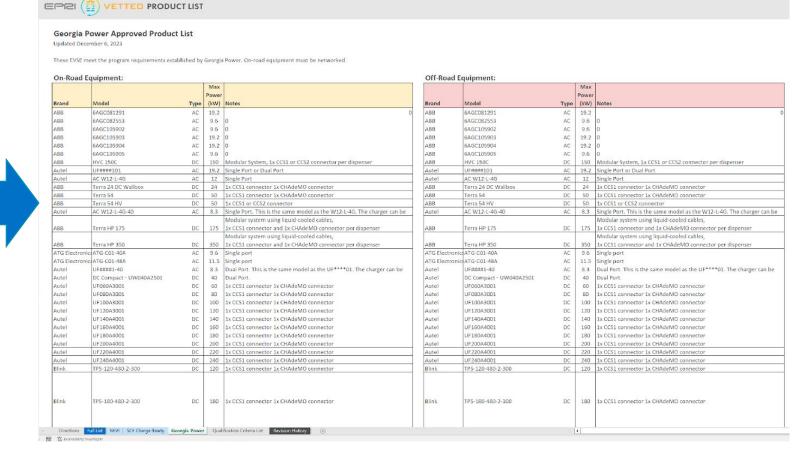
ORGANIZATION-SPECIFIC LISTS







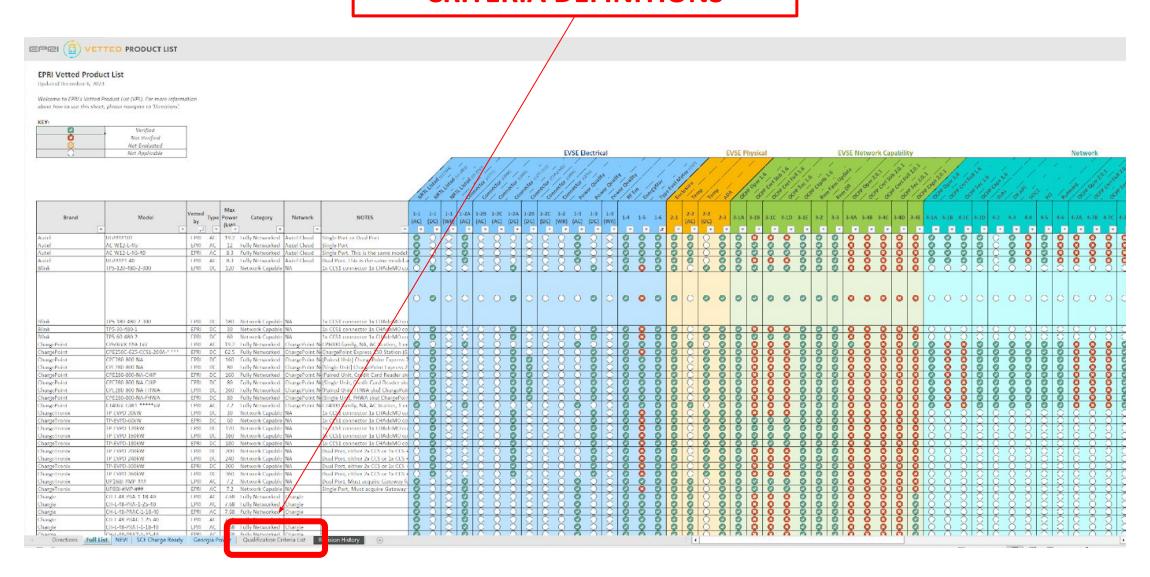








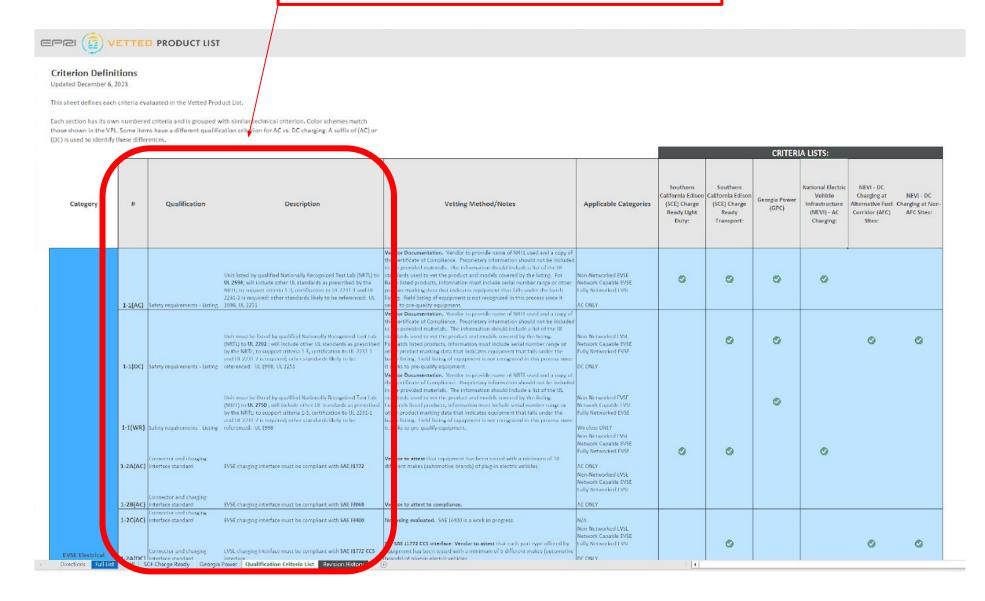
CRITERIA DEFINITIONS













ORGANIZATION-SPECIFIC REQUIREMENTS





Criterion Definitions

Updated December 6, 2023

This sheet defines each criteria evaluated in the Vetted Product List.

Each section has its own numbered criteria and is grouped with similar technical criterion. Color schemes match those shown in the VPL Some items have a different qualification criterion for AC vs. DC charging: A suffix of (AC) or (DC) is used to identify these differences.

			Description				CRITERIA LISTS:						
ory	#	Qualification		Vetting Method/Notes	Applicable Categ	ies	Southern California Edison (SCE) Charge Ready Light Duty:	Southern California Edison (SCE) Charge Ready Transport:	Georgia Power (GPC)	National Electric Vehicle Infrastructure (NEVI) - AC Charging:	NEVI - DC Charging at Alternative Fuel Corridor (AFC) Sites:	NEVI - DO Charging at I AFC Sites	
1-	1(AC)	Safety requirements - Listing	UL 2594; will include other UL standards as prescribed by the NRTH; for support criteria 1.3, certification in 18 2231.1 and UL 2231-2 is required; other standards likely to be referenced: UL	Vendor Documentation. Vendor to provide name of NRTL used and a copy of the Certificate of Compilance. Proprietary information should not be included in the provided materials. The information should held an Israel from the standards used to ver the product and models covered by the listing. For Batch listed products, information must include serial number range or other product marking data that indicates repignent that fulls under the batch listing. Field listing of equipment is not recognized in this process since it seeks to pre-quality equipment.	Non-Networked EVSE Network Capable EVSE Fully Networked EVSE AC ONLY		9	0	Ø	0			
1-	1[DC]	Safety requirements - Listing		Vendor Documentation. Virulor to provide name of NRTL used and a copy of the Certificate of Compliance. Proprietary information should not be included in the provided materials. The information should include a list of the UI standards used to verifice the product and models covered by the listing. For Batch listed products, Information must include seriel number range or other product marking data that indicates equipment that falls under the batch listing. I field listing of engipment is not recognized in this promosing its seeks to pre-quality equipment. It seeks to pre-quality equipment. Vendor Documentation. Virulor in provide name of NRT used and a copy of the Certificant of Compliance.	Non-Networked LVSI Network Capable EVSE Fully Networked EVSE DC ONLY			0	0		0	0	
1-1	1(WR)	Sufery requirements. Listing	by the NRTL; to support criteria 1-3, certification to UL 2231-1 and UL 2231-2 is required; other standards likely to be	in the provided materials. The information should include a list of the UL standards used in set the product and models covered by the listing.	Non Networked FVSF Network Capable 1751 Fully Networked EVSE Wireless ONLY Non Networked I VSI				0				
1-2		Connector and charging interface standard	EVSE charging interface must be compliant with SAE J1772.	Vendor to attest that equipment has been tested with a minimum of 10 different makes (automotive brands) of plug-in electric vehicles.	Network Capable EVSE Fully Networked EVSE AC ONLY Non-Networked EVSE Network Capable EVSE Fully Networked I VSI		0	0		0			
1-2		Connector and charging interface standard	EVSE charging interface must be compliant with SAE J3068	Vendor to attest to compliance.	AC ONLY								
1-2	C(AC)	Connector and charging interface standard	EVSE charging interface must be compliant with SAE J3400	Not being evaluated. SAE 13:400 is a work in progress.	N/A Non Networked LVSL Network Capable EVSE			2000					
	MINCH	Connector and charging interface standard	EVSL changing interface must be compliant with SAE J1772 CCS interface Power Qualification Criteria List Revision History	equipment has been tested with a minimum of 5 different makes (automotive	Fully Networked LVSI DC ONLY		114	0			0	0	

VPL Adoption and Use



Official VPL Partners

- Southern California Edison
- Pacific Gas & Electric
- San Diego Gas & Electric
- Georgia Power Company

In Conversation

- Alabama Power Company (coming early '24)
- 10+ Utilities
- State DOTs
 - PennDOT
 - WashDOT
- NASEO
- State General Service Agencies (GSAs)
 in charge of fleet electrification plans
- Cities
 - Clean Cities Groups
 - US Climate Mayors
 - US Sustainability Directors Network







