



SPP EXTERNAL TECHNICAL DOCUMENTS INVENTORY

INTEGRATED MARKETPLACE,
WESTERN RELIABILITY
COORDINATION SERVICE,
WESTERN ENERGY IMBALANCE
SERVICE MARKET

By SPP Information Technology Department

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REVISION HISTORY

DATE OR VERSION NUMBER	AUTHOR	CHANGE DESCRIPTION
March 2018	SPP	Initial publication
May 2020	SPP	Updates to include WEIS and to reflect folder name changes

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INTRODUCTION

This document provides information on external-facing technical documentation available to participants.

FINDING THE DOCUMENTS

Technical documents are housed within the **Reference Documents** section of the Change Working Group page on SPP.org.

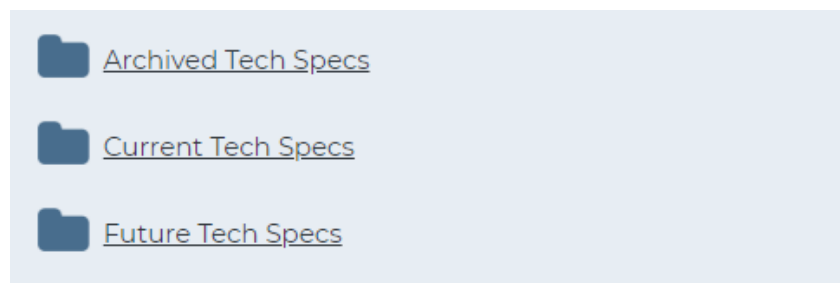
SPP.org > Organizational Groups > Change Working Group > Reference Documents



The **Reference Documents** folder and associated subfolders house a variety of documentation. SPP technical documentation is located within the **Technical Reference Documents** subfolder.

SPP.org > Organizational Groups > Change Working Group > Reference Documents > Technical Reference Documents

To facilitate the publication of incremental versions of the technical documents, the following folder structure is utilized.



The **Current** folder contains documentation for current production versions of systems and services. The **Future** folder contains documentation for soon-to-be-production versions of systems and services. The **Archived** folder contains retired versions of the documents.

Note: For illustration purposes the folders used for technical specifications are shown here. The same approach is used for the publication of all technical documentation (i.e. ICCP Handbook, public data, etc.).

SPP-WIDE DOCUMENTS

DOCUMENT	DESCRIPTION	RTO/RC/WEIS?
Marketplace External Stakeholder Data Points	Listing of all data points that Marketplace and West RC stakeholders will receive and/or have access to via SPP systems and interfaces.	RTO, RC
WEIS External Stakeholder Data Points	Listing of all data points that WEIS stakeholders will receive and/or have access to via SPP systems and interfaces	WEIS
SPP Connectivity Specifications	The Connectivity Specifications include connectivity information such as certificate information, URLs, etc. for SPP environments.	RTO, RC and WEIS
SPP Member Facing Technology Stack	Information on member-facing portions of SPP's technology stack.	RTO, RC and WEIS

SYSTEM-SPECIFIC DOCUMENTS

DOCUMENT	DESCRIPTION	RTO/RC/WEIS?
Credit Limit Report Technical Specifications	Technical specifications for the Credit Limit Report API	RTO
CROW API Specifications	Technical specifications for the CROW API	RTO and RC
ICCP Handbook	Handbook explaining details of ICCP data exchanged between power system control centers. This document is located on spp.org as a password protected document.	RTO, RC and WEIS

<p>Integrated Marketplace Markets Web Services Data Exchange Guide</p>	<p>Data Exchange Guide and associated WSDLs for the Day-Ahead and Real-Time Balancing Markets.</p> <p>Note: Wind and solar forecast data is accessible only once a Wind/Solar data-specific NDA is signed. Once signed, the participant's LSA verifies roles and grants permissions to allow access.</p>	<p>RTO</p>
<p>WEIS Market Web Services Data Exchange Guide</p>	<p>Data Exchange Guide and associated WSDLs for the WEIS market.</p> <p>Note: Wind and solar forecast data is accessible only once a Wind/Solar data-specific NDA is signed. Once signed, the participant's LSA verifies roles and grants permissions to allow access.</p>	<p>WEIS</p>
<p>Integrated Marketplace Market User Interface Business Validations</p>	<p>Provides business validation rules associated with participant data submission to the SPP Marketplace market system.</p>	<p>RTO</p>
<p>WEIS Market User Interface Business Validations</p> <p>** coming soon! **</p>	<p>Provides business validation rules associated with participant data submission to the SPP WEIS market system.</p>	<p>WEIS</p>
<p>Marketplace Resource Offer Roll Forward Guide</p>	<p>Reference guide describing how the submission of Marketplace resource offer data will be carried forward and applied to future operating days.</p>	<p>RTO</p>
<p>WEIS Resource Offer Roll Forward Guide</p> <p>** coming soon! **</p>	<p>Reference guide describing how the submission of WEIS resource offer data will be carried forward and applied to future operating days.</p>	<p>WEIS</p>
<p>Settlement Management System Technical Specifications</p>	<p>Settlement Management System Web Services Data Exchange Guide for all Market and Transmission Settlements functions.</p>	<p>RTO</p>

WEIS Settlement Management System Technical Specifications	Settlement Management System Web Services Data Exchange Guide for WEIS Market functions.	WEIS
Schedule Data API Technical Specifications	Technical specifications for the Schedule Data API.	RTO
Transmission Congestion Rights Technical Specifications	Technical specifications for the TCR APIs	RTO
Marketplace Public Data	Reference guide and sample files for Public data offerings including Real-Time Balancing Market, Day-Ahead Market, TCR, and Operational data.	RTO
WEIS Public Data ** coming soon! **	Reference guide and sample files for WEIS Public data offerings including Real-Time Balancing Market and Operational data.	WEIS
SPP Public Data Access	Reference guide for accessing public data via UI or API (FTP)	RTO and WEIS
Settlements Public Data	Reference guide for Settlements public data offerings such as Settlement calendars and rates.	RTO
WEIS Settlements Public Data ** coming soon! **	Reference guide for WEIS Settlements public data offerings such as Settlement calendars and rates.	WEIS