

Member Impacting Project Overview

ICCP Outbound Server Addition

Version 32.0

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Version Control

Version	Date	Author	Change Description
1.0	06/29/2020	Tennille Tims	Initial Version
1.5	09/18/2020	Tennille Tims	Updated Timeline
2.0	10/15/2020	Tennille Tims	Updated Timeline
3.0	03/04/2021	Tennille Tims	Updated User’s Impacted, Technical Impact, and Summary of Timeline

Executive Summary

In this document, the term “members” refers to any and all stakeholders which could include Market Participants, SPP Members, other customers, Transmission Owners, vendors, etc.

SPP is in the process of adding an additional outbound ICCP system for the purposes of reducing load and failover times on the primary ICCP system, leading to improved ICCP system stability.

Business Impact

Members identified as having work related to this project will be requested to submit updated AIEF forms, conduct network changes, modeling, and testing. Individual meetings will be set up to discuss tasks for each identified member.

Affected?	Services Impacted by Changes
X	Eastern Interconnection (Integrated Marketplace)
X	Western Reliability Coordination
	Western Energy Imbalance Services Market

Users Impacted

This project is being managed in two phases. Phase 1 will include remotes with large outbound datasets first for the most rapid reduction in ICCP system load.

Phase 1 remotes:		Phase 2 remotes:	
AEPTE		AECI	KMEA
AEPTE2 - Complete		AEPM	LES
MISO2		AEPT	MJMEUC
SAFNR3 - Complete		AMRN	NPPD
CAISO		BEPC	OKGE
		BHP	OPPD
		BPA	PSI
		BPAE	SECI
		CBPC	SPS
		EDPR	TNSK
		EVRG	TVA
		GRDA	WAPA_UGP
		ITCGP	WAPA_RMR_WACM
			WFE

Phase 1 remotes:

	Remote
Phase 1	AEPTE
Phase 1	AEPTE2
Phase 1	MISO2
Phase 1	SAFNR3
Phase 1	CAISO

Phase 2 remotes:

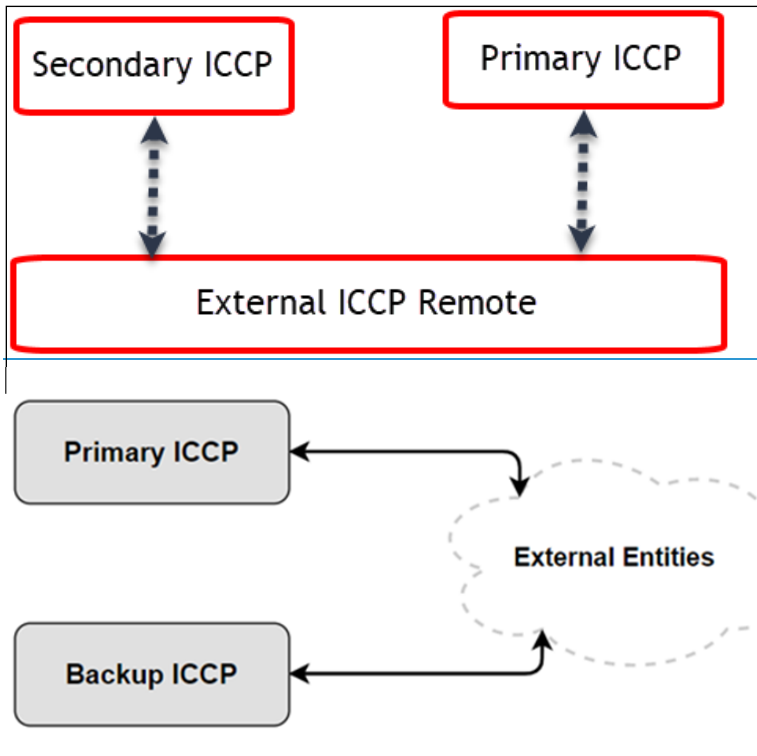
	Remote	Remote
Phase 2	AECI	KMEA
Phase 2	AEPM	LES
Phase 2	AEPT	MJMEUC
Phase 2	AMRN	NPPD
Phase 2	BEPC	OKGE
Phase 2	BHP	OPPD
Phase 2	BPA	PSI
Phase 2	BPAE	SECI
Phase 2	CAISO	SPS
Phase 2	CBPC	TNSK
Phase 2	DOGWOOD	TVA
Phase 2	EDPR	WAPA_UGP
Phase 2	GRDA	WAPS_RMR_WACM
Phase 2	ITCGP	WFE
Phase 2	KCPL	WRI

Business Functions Impacted

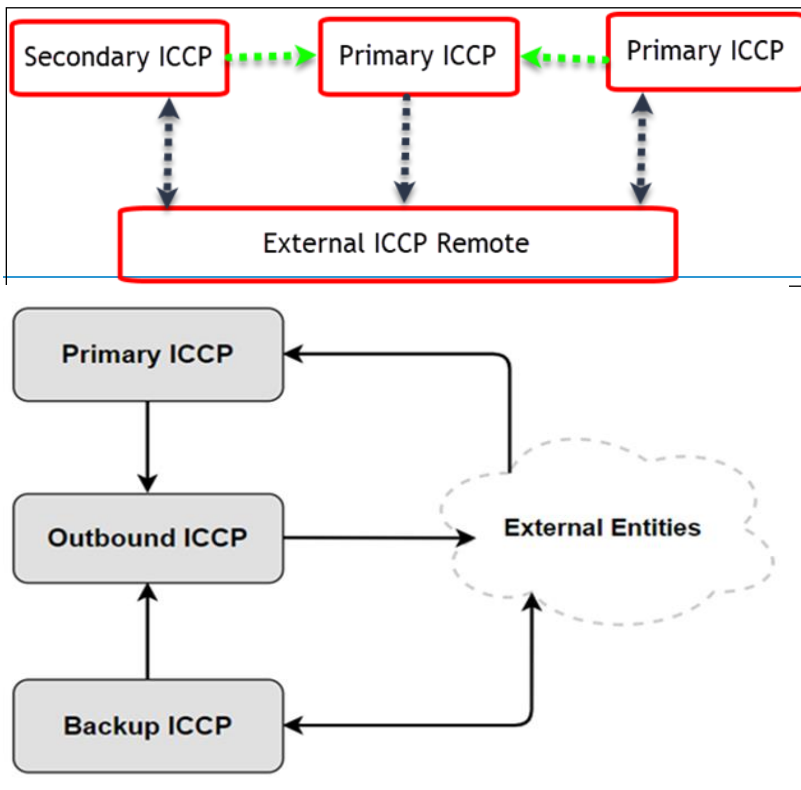
There are no anticipated business function changes.

Technical Impact

Current ICCP Configuration



New ICCP Configuration for Impacted Members



SPP Systems/Processes Impacted

There is no anticipated change to system processes. When a member needs access to a data point or has changes to their ICCP model they can request it in the same manner they do today.

Anticipated Member Systems/Processes Impacted

There is no planned change for the secondary ICCP system. Remotes connected to the primary ICCP system that transfer smaller amounts of data as defined by SPP's ICCP modelers should anticipate no changes. Remotes connected to primary that transfer larger amounts of data as defined by SPP's ICCP modelers, will be reconfigured to send incoming data to the existing production primary system and read outgoing data from the new outbound system.

Member Requirements

N/A

Testing

Testing Assumptions:

- All MPs should have already conducted connectivity testing to the appropriate Integrated Test Environment. This project timeline will not include connectivity testing.
- Member or customer staff who are participating in the testing are trained on the systems they are testing.

- Project liaisons will be responsible for coordinating testing at their company and for reporting back to SPP on testing progress or issues.

Testing calls will be scheduled with each entity separately.

Training

There is no training anticipated for this project.

Implementation/Back-out Plan

If issues are encountered during switch overs, remotes will be moved back to the current system.

Summary of Timeline

Date	Responsible Party	Action
07/01/2020	SPP	Publish initial MIPO
07/01/2020 – 10/30/2020	SPP	Outreach to Phase 1 Entities
11/01/2020 – 12/30/2020	SPP	Outreach to Phase 2 Entities
01/04/2021 – 04/30/2021 /2021	SPP / Member	Switch Phase 1 Entities to new Outbound system
03/01/2021 – 04/30/2021	SPP / Member	Switch Phase 2 Entities to new Outbound system

Project Assumptions

None identified at this time.

Risks

None identified at this time.

Additional Documentation

Any additional documentation will be listed here and stored in the ICCP Outbound Server project folder on spp.org. Notifications of documentation postings will be sent to the CWG distribution list.

Communication Plan

Communication regarding this project will be done through updates to the Member Impacting Project Overview or via the Change Working Group exploder list.

MIPO and Project Documentation

All project communication and information will be posted to the SPP Change Working Group Project Documentation folder. Click [here](#) to reach the [ICCP Outbound Server Addition folder](#) on spp.org.

This MIPO will be updated upon change or with any new information, and according to the Member Project Touch Points and Deliverables. With any update, a redline version will be posted to the project documentation folder, and the CWG will be notified.

Next Steps

Action	Assignee	Status & Due Date
Members identified at phase 1 or 2 should review the MIPO and any internal processes that may require updates.	Member	As soon as possible
SPP to schedule initial touch base sessions with phase 1 entities.	SPP	07/01/2020 – 10/30/2020
ICCP participants respond to switch appointment requests from customer relations.	Member	03/15/2021

FAQs

Frequently asked questions will be added to the document as identified or necessary.

Question	Origination	Answer

More Information

At any time, members can ask questions by completing an RMS ticket using “Project Inquiries” Quick Pick and this project’s subject option. RMS link: <https://spprms.issuetrak.com/login.asp>

If a new user ID is needed for RMS, click on that link and follow the directions for “Register Now.”

Quick Pick: ▼

* Class: ▼

Request Status: ▼ ▼

This Request is used to submit an inquiry regarding current SPP Projects.

Do NOT change Request Type. Doing so will delay a response to your inquiry.

In *Subtype 1* select the appropriate project. Your selection ensures timely assignment of your inquiry to the appropriate project owner.

* Request Type: ▼

* Subtype 1: ▼