



Interface Pricing Point Assignment Methodology

PJM assigns all Balancing Authorities (BA) in the NAESB WEQ Electric Industry Registry to an Interface Pricing Point based on the BA’s electrical location relative to the PJM footprint. The following Interface Pricing Points are effective for selection on ExSchedule Day-ahead Bids and assignment to Tags as of Oct 22, 2019.

Interface Pricing Point	Eligible for DA Bids	Eligible for Tags
CPLEIMP	X	X
CPLEEXP	X	X
DUKIMP	X	X
DUKEXP	X	X
HUDSONTP	X	X
IMO	X	X
LINDENVFT	X	X
MISO	X	X
NCMPAIMP	X	
NCMPAEXP	X	
NEPTUNE	X	X
NIPSCO	X	X
NORTHWEST	X	X
NYIS	X	X
OVEC	historical	historical
SOUTHEAST	X	
SOUTHIMP	X	X
SOUTHEXP	X	X
SOUTHWEST	X	

Day-ahead Bids

PJM does not automatically assign Interface Pricing Points to ExSchedule Day-ahead Bids. Instead, users are provided with the ability to explicitly select their desired import/export Interface Pricing Points on the ExSchedule Day-ahead Bid submission screen.



Tags

Interface Pricing Points are assigned to Tags via three methods:

1. Tag GCA/LCA Mappings
2. Tag Physical Path Mappings
3. Tag Special Exception Tokens

GCA/LCA Mappings

By default, Interface Pricing Point assignments are determined via a Tag's Generation Control Area (GCA) and Load Control Area (LCA). Each non-PJM GCA/LCA will have a pricing point assignment which will be used to make the overall pricing determination.

- Import
 - The GCA will have a pricing point assignment, but the LCA will have no assignment since PJM is the LCA on an import Tag. The Interface Pricing Point assignment will be the GCA mapped pricing point.
- Export
 - The GCA will have no pricing point assignment since PJM is the GCA on an export Tag, but the LCA will have a pricing point assignment. The Interface Pricing Point assignment will be the LCA mapped pricing point.
- Wheel
 - On a wheel Tag, both the GCA and LCA will have pricing point assignments. The import pricing point will be the GCA mapped pricing point and the export pricing point will be the LCA mapped pricing point.

Market participants can manually determine their Tag's pricing point assignment via the mappings provided in Appendix A. Alternately, PJM offers a Pricing Point Calculator at: <https://exschedule.pjm.com/exschedule/pages/public/pricing-point-calculator.jsf>

Examples

- Example Import: CIN-PJM Transmission Service is tagged with MISO as the GCA and PJM as the LCA. The Interface Pricing Point assignment will be MISO.
- Example Export: PJM-TVA Transmission Service is tagged with PJM as the GCA and TVA as the LCA. The Interface Pricing Point assignment will be SOUTHEXP.
- Example Wheel: NYIS-PJM-DUK reservation is tagged with NYIS as the GCA and DUK as the LCA. The import Interface Pricing Point assignment will be NYIS and the export Interface Pricing Point assignment will be DUKEXP.



Tag Physical Path Mappings

While the majority of Interface Pricing Point assignments are made via the Tag GCA/LCA, in certain situations, PJM will look beyond the GCA/LCA to specific entries on the Tag Physical Path. The current path-based mappings are listed below.

Neptune Regional Transmission System

Tags utilizing the Neptune path will have a non-PJM GCA/LCA of NYIS and would normally receive the NYIS Interface Pricing Point. Based on the physical path mapping, these Tags will instead receive the NEPTUNE Interface Pricing Point.

Linden Variable Frequency Transformer

Tags utilizing the Linden VFT path will have a non-PJM GCA/LCA of NYIS and would normally receive the NYIS Interface Pricing Point. Based on the physical path mapping, these Tags will instead receive the LINDENVFT Interface Pricing Point.

Hudson Transmission Project

Tags utilizing the Hudson path will have a non-PJM GCA/LCA of NYIS and would normally receive the NYIS Interface Pricing Point. Based on the physical path mapping, these Tags will instead receive the HUDSONTP Interface Pricing Point.

Hydro-Québec TransÉnergie Interface

Tags that source or sink at the HQT BA would normally receive the NYIS Interface Pricing Point; however, based on the physical path mapping, these Tags will either receive the NYIS or IMO Interface Pricing Points.

Interconnections between HQT and its neighboring BAs are DC Ties, and a transaction scheduled from HQT (across the HQT/IESO interface) to PJM has significantly different power flows than a transaction scheduled from HQT (across the HQT/NYISO interface).

Tags that are determined to have been scheduled via HQT's DC Ties to NYISO, ISO-NE, or NBSO will continue to receive the NYIS Interface Pricing Point. Tags that are determined to have been scheduled via HQT's DC Ties to IESO will receive the IMO Interface Pricing Point.



Tag Special Exception Tokens

In some scenarios, the Interface Pricing Point assignment is not determined by analysis of the Tag path. For example, the Interface Pricing Point assignment for Tags utilizing Grandfathered Transmission Service (service predating FERC Order 888) may not align with PJM's standard methodology. In these cases, the market participant will be issued a Tag special exception token that PJM will use to override the standard pricing determination.



Appendix A: BA to Interface Pricing Point Mapping

Acronym	Balancing Authority	Pricing Assignment
AEC	PowerSouth Electric Cooperative, Inc.	SOUTHIMP/SOUTHEXP
AECI	Associated Electric Cooperative, Inc.	SOUTHIMP/SOUTHEXP
AESO	Alberta Electric System Operator	NORTHWEST
ALTE	Alliant Energy Corporate Services, Inc. - CA	MISO
ALTW	Alliant Energy Corporate Services, Inc. - CA	MISO
AMIL	Ameren Transmission. legal name Ameren Services Company	MISO
AMMO	Ameren Transmission. legal name Ameren Services Company	MISO
AMRN	Ameren Transmission. legal name Ameren Services Company	MISO
AVA	Avista Corp.	NORTHWEST
AVRN	Avangrid Renewables, LLC	NORTHWEST
AZPS	Arizona Public Service Company	NORTHWEST
BANC	Balancing Authority of Northern California	NORTHWEST
BCHA	BC Hydro T & D - Grid Operations	NORTHWEST
BPAT	Bonneville Power Administration Transmission	NORTHWEST
BREC	Big Rivers Electric Corp.	MISO
CEN	Centro Nacional de Control de Energia	NORTHWEST
CFE	Comision Federal de Electricidad	NORTHWEST
CHPD	Chelan County PUD	NORTHWEST
CIN	Cinergy Corporation	MISO
CISO	California Independent System Operator (CAISO)	NORTHWEST
CLEC	Cleco Power LLC	MISO
CONS	Michigan Electric Coordinated System	MISO
CPLE	Carolina Power & Light Company	CPLE
CPLW	Carolina Power & Light Company	SOUTHIMP/SOUTHEXP
CWLD	Columbia Water & Light	MISO
CWLP	City Water Light & Power	MISO
DEAA	Dynegy Arlington Valley	NORTHWEST
DECO	Michigan Electric Coordinated System	MISO
DOPD	P.U.D. No. 1 of Douglas County	NORTHWEST
DPC	Dairyland Power Cooperative	MISO
DUK	Duke Energy Carolinas, LLC (Transmission)	DUK
EAI	Entergy Arkansas, Inc.	MISO
EEI	Electric Energy, Inc.	SOUTHIMP/SOUTHEXP
EES	Entergy	MISO
EMBA	Entergy Mississippi LLC	MISO
EPE	El Paso Electric	NORTHWEST
ERCO	ERCOT ISO	SOUTHIMP/SOUTHEXP
FMPP	Florida Municipal Power Pool	SOUTHIMP/SOUTHEXP
FPC	Florida Power Corporation	SOUTHIMP/SOUTHEXP
FPL	Florida Power & Light	SOUTHIMP/SOUTHEXP
GCPD	Grant County PUD No.2	NORTHWEST
GRE	Great River Energy	MISO
GREC	Great River Energy	MISO
GREN	Great River Energy	MISO



Acronym	Balancing Authority	Pricing Assignment
GRES	Great River Energy	MISO
GRID	CECD, LLC	NORTHWEST
GRIF	Griffith Energy, LLC.	NORTHWEST
GRMA	Gila River Power, LP	NORTHWEST
GVL	Gainesville Regional Utilities	SOUTHIMP/SOUTHEXP
GWA	NaturEner Glacier Wind Energy 1, LLC	NORTHWEST
HE	Hoosier Energy	MISO
HGMA	Harquahala Generating Facility	NORTHWEST
HMPL	City of Henderson, KY, Utility Commission, DBA Henderson Municipal Power & Light	MISO
HQT	Hydro-Quebec, TransEnergie	NYIS
HST	City of Homestead	SOUTHIMP/SOUTHEXP
IID	Imperial Irrigation District	NORTHWEST
IPCO	Idaho Power Company	NORTHWEST
IPL	Indianapolis Power & Light Company	MISO
ISNE	ISO New England Inc.	NYIS
JEA	JEA	SOUTHIMP/SOUTHEXP
KACY	Board of Public Utilities	SOUTHIMP/SOUTHEXP
LAGN	Louisiana Generating, LLC	MISO
LDWP	Los Angeles Department of Water and Power	NORTHWEST
LGEE	E.ON U.S. Services Inc.	SOUTHIMP/SOUTHEXP
MDU	Montana-Dakota Utilities Co.	MISO
MEC	MidAmerican Energy Company	MISO
MECS	Michigan Electric Coordinated System	MISO
MGE	Madison Gas and Electric Company	MISO
MHEB	MHEB, Transmission Services	NORTHWEST
MISO	Midwest ISO	MISO
MIUP	Wisconsin Energy Corporation	MISO
MP	Minnesota Power, Inc.	MISO
MPW	Muscatine Power and Water	MISO
NBSO	New Brunswick System Operator	NYIS
NEVP	Nevada Power Company	SOUTHIMP/SOUTHEXP
NHC1	New Horizons Electric Cooperative	SOUTHIMP/SOUTHEXP
NIPS	Northern Indiana Public Service Company	MISO
NLR	City of North Little Rock, AR (operated by Louisiana Generating LLC)	SOUTHIMP/SOUTHEXP
NLSO	Newfoundland and Labrador Hydro	NYIS
NSB	Utilities Commission, City of New Smyrna Beach	SOUTHIMP/SOUTHEXP
NSP	Northern States Power Company	MISO
NSSO	Nova Scotia Power System Operator	NYIS
NWMT	NorthWestern Energy	NORTHWEST
NYIS	New York Independent System Operator	NYIS
ONT	Ontario - Independent Electricity System Operator	IMO
OTP	Otter Tail Power Company	MISO
OVEC	Ohio Valley Electric Corporation	OVEC
PACE	PacifiCorp	NORTHWEST
PACW	PacifiCorp	NORTHWEST
PGE	Portland General Electric	NORTHWEST



Acronym	Balancing Authority	Pricing Assignment
PJM	PJM Interconnection	PJM
PNM	Public Service Company of New Mexico	NORTHWEST
PSCO	Public Service Company of Colorado CA&TP	NORTHWEST
PSEI	Puget Sound Energy Transmission	NORTHWEST
SC	Santee Cooper	SOUTHIMP/SOUTHEXP
SCEG	South Carolina Electric & Gas Company	SOUTHIMP/SOUTHEXP
SCL	Seattle City Light	NORTHWEST
SEC	Seminole Electric Cooperative	SOUTHIMP/SOUTHEXP
SECI	Sunflower Electric Power Corporation	SOUTHIMP/SOUTHEXP
SEHA	Southeastern Power Administration	SOUTHIMP/SOUTHEXP
SERU	Southeastern Power Administration	SOUTHIMP/SOUTHEXP
SETH	Southeastern Power Administration	SOUTHIMP/SOUTHEXP
SIGE	Vectren - Southern Indiana Gas & Electric Co.	MISO
SIPC	Southern Illinois Power Cooperative	MISO
SME	South Mississippi Electric Power Association	MISO
SMEE	South Mississippi Electric Power Association	MISO
SMP	Southern Minnesota Municipal Power Agency	MISO
SOCO	Southern Company Services, Inc.	SOUTHIMP/SOUTHEXP
SPA	Southwestern Power Administration	SOUTHIMP/SOUTHEXP
SPC	SaskPower Grid Control Centre	NORTHWEST
SRP	Salt River Project - OASIS Desk O/SE	NORTHWEST
SWPP	Southwest Power Pool	SOUTHIMP/SOUTHEXP
TAL	City of Tallahassee	SOUTHIMP/SOUTHEXP
TEC	Tampa Electric Company	SOUTHIMP/SOUTHEXP
TEPC	Tucson Electric Power Company	NORTHWEST
TIDC	Turlock Irrigation District	NORTHWEST
TPWR	Tacoma Power	NORTHWEST
TVA	Tennessee Valley Authority ESO	SOUTHIMP/SOUTHEXP
UPPC	Upper Peninsula Power Co.	MISO
WACM	Western Area Power Administration - CM	NORTHWEST
WALC	Western Area Power Administration-DSW	NORTHWEST
WAUW	Western Area Power Administration - UGPR	NORTHWEST
WEC	Wisconsin Energy Corporation	MISO
WFEC	Western Farmers Electric Cooperative	SOUTHIMP/SOUTHEXP
WMU	City of West Memphis, AR - NRG Dispatched	MISO
WPS	Wisconsin Public Service Corporation	MISO
WWA	NaturEner Power Watch, LLC	NORTHWEST
YAD	APGI - Yadkin Division	SOUTHIMP/SOUTHEXP