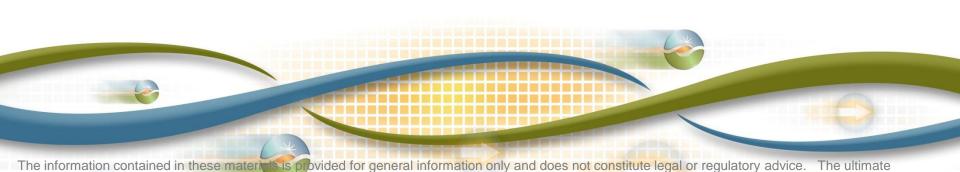


Use of Transaction IDs

February 5, 2015



responsibility for complying with the ISO FERC Tariff and other applicable laws, rules or regulations lies with you. In no event shall the ISO or its employees

be liable to you or anyone else for any decision made or action taken in reliance on the information in these materials.

Why do we need to use transaction IDs?

- Through the Full Network Model Expansion initiative, implemented in the Fall of 2014, it provided multiple possibilities for scheduling with the ISO. Therefore using the master file for each resource's physical registration becomes impractical.
- Uniquely identifies static system resource bids and schedules
- Certain types of system resources will still be registered in the master file



Registered Intertie Resources

System resources with the following characteristics will continue to use registered resource IDs:

- Resources with resource adequacy obligations
- ETC/TOR contracts
- Certified to provide ancillary services
- IBAA agreements for transmission loss adjustment
- Trans Bay Cable resource ID
- Resource recirculating resource ID
- Losses, Inadvertent payback, emergency assistance
- MSS load following
- EIM transfer schedule defined by intertie and transmission service provider



Intertie Transaction - fictitious examples

Non-resource specific Physical Import bid:

SC05-AMARGOSA_1_SN001-AMARGO-I-P-F-DECM01

SC05-AMARGOSA_1_SN001-AMARGO-I-P-F-DECM01.1

SC05-AMARGOSA_1_SN001-AMARGO-I-P-F-DECM01.2

. .

SC05-AMARGOSA_1_SN001-AMARGO-I-P-F-DECM01.9

Non-resource specific Physical Export bid:

SC05-AMARGOSA_1_SN001-AMARGO-E-P-F-DECM01

SC05-AMARGOSA_1_SN001-AMARGO-E-P-F-DECM01.1

Non-resource specific Physical Wheeling Import bid:

SC05-AMARGOSA_1_SN001-AMARGO-I-P-W-DECM01

Non-resource specific Physical Wheeling Export bid:

SC05-BLYTHE_1_N101-BLYTHE-E-W-P-DECM01



Scheduling Coordinator

Intertie Scheduling Point

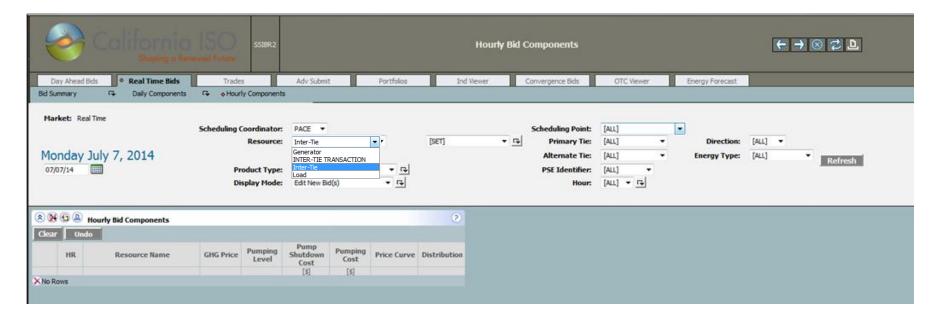
Primary Intertie Identifier

Direction
Bid Type
Energy Type

Purchase-Selling Entity Identifier

SIBR UI

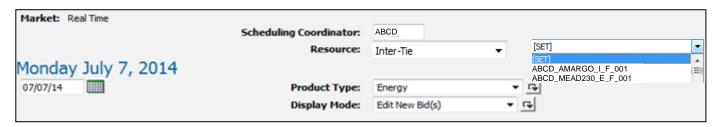
- Day Ahead Bids or Real Time Bids tab Hourly Components
- Resource drop down gives the choice to select
 - Inter-tie
 - Inter-tie Transaction



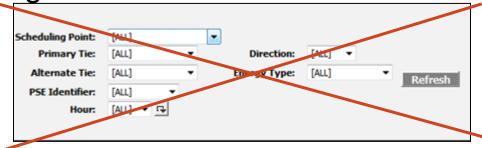


SIBR UI – Inter-tie Resource ID

 If Inter-tie is selected in the Resource field, the user must select from the registered resource IDs



There is no need to select the additional fields to the right



SIBR UI – Inter-tie Transaction ID

If Inter-tie Transaction is selected in the Resource field,

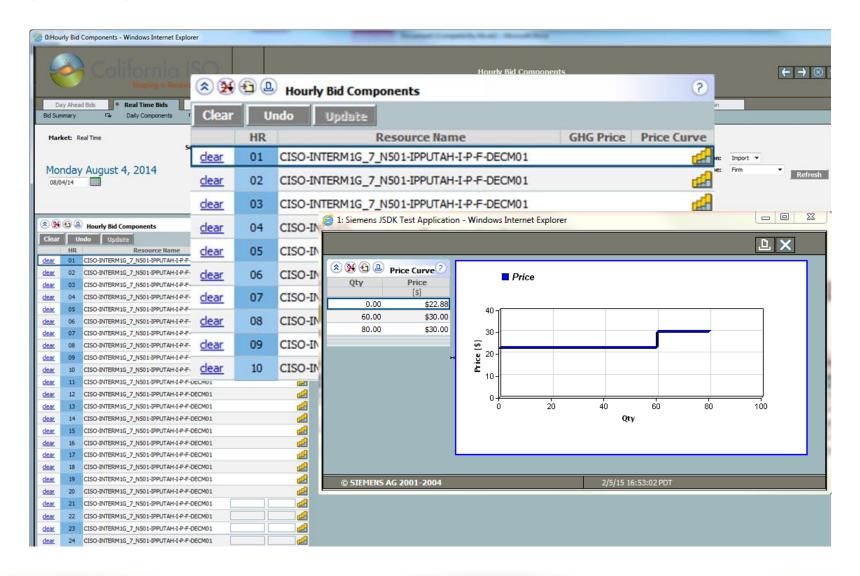
the user must select

- Scheduling Point
- Primary Tie
- Alternate Tie (optional)
- Direction
- Energy Type
- PSE Identifier





SIBR UI



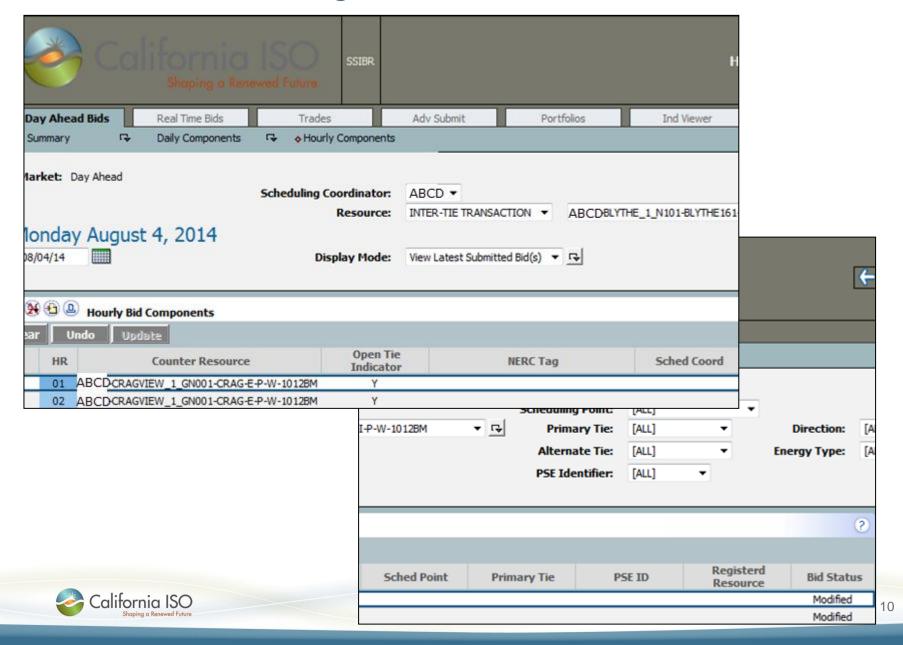


Intertie transaction inputs

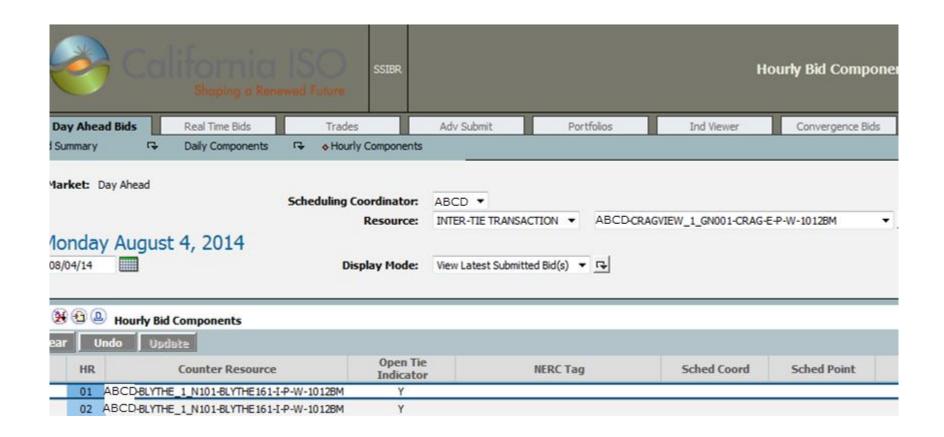
Field	Description		
Scheduling Coordinator	Scheduling Coordinator identifier (required)		
Scheduling Point	Intertie Scheduling Point identifier (required)		
Primary Tie	Primary Intertie identifier (required)		
Direction	Direction (required): I for import, E for export		
Bid Type	Bid Type (inserted): P for physical, V for Virtual		
Alternate Tie	Alternate Intertie identifier (optional)		
Energy Type	Energy Type (required for physical transactions): F – Firm N – Non-Firm U – Unit Contingent D – Dynamic Interchange W – Wheeling		
Purchase- Selling Entity Identifier	A registered Purchase-Selling Entity identifier (required for physical transactions); allow PSE, PSE.1, PSE.2 PSE.9		



SIBR UI - Wheeling

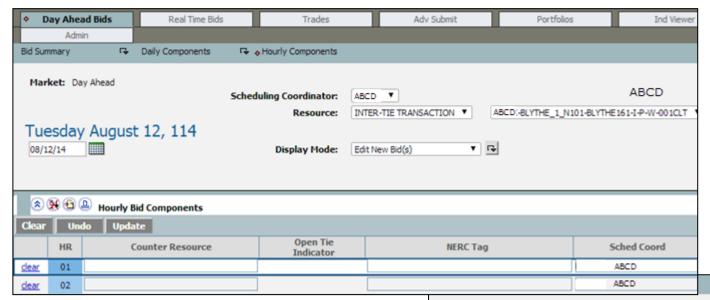


SIBR UI – Wheeling – Counter Resource

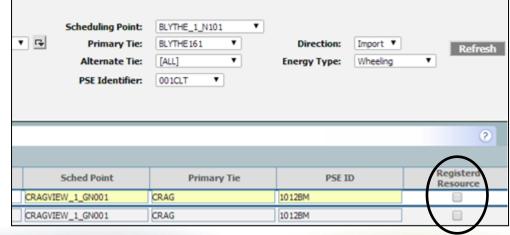




SIBR UI – Wheeling – Hourly Components screen

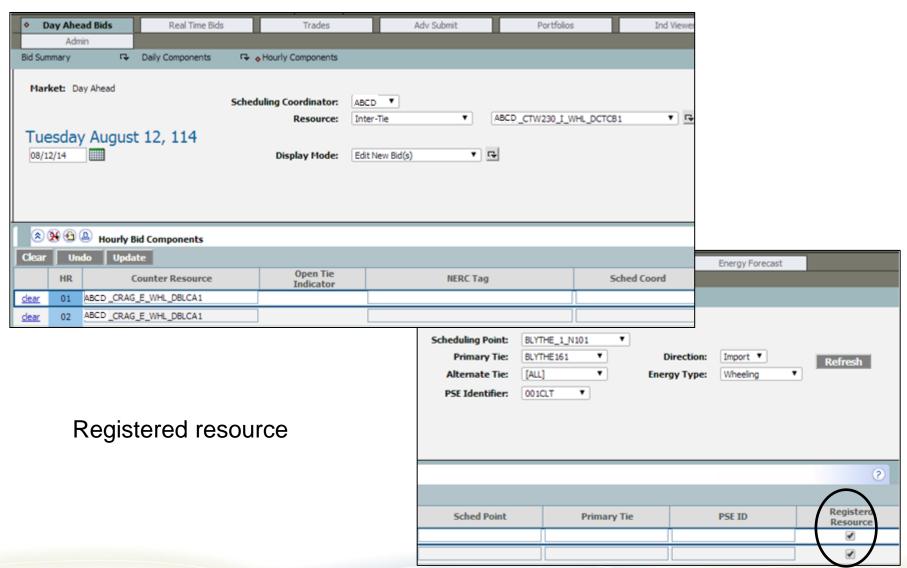


Intertie Transaction (not a registered resource)

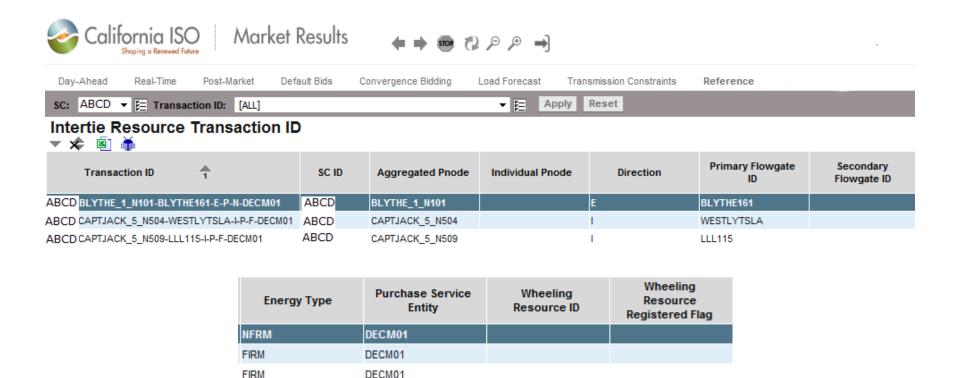




SIBR UI – Wheeling – Hourly Components screen

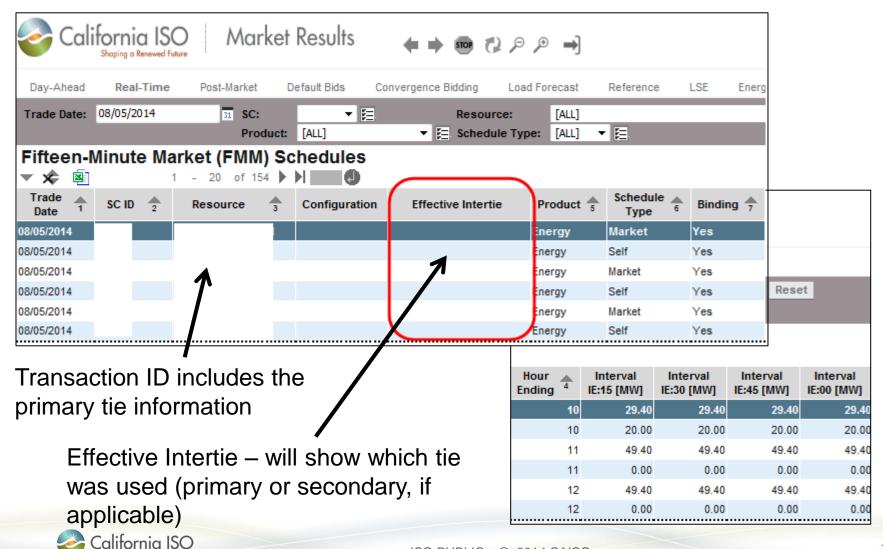


CMRI – Reference Report

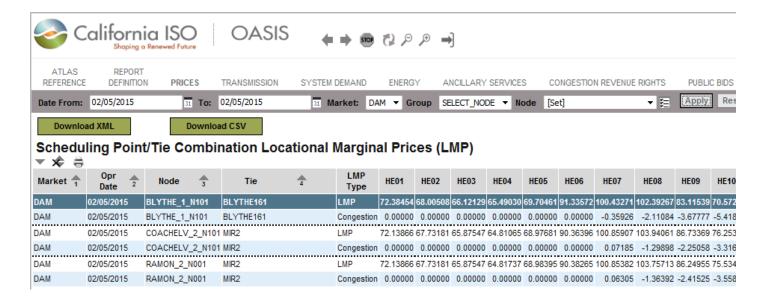




CMRI - FMM Schedule - Effective Intertie



OASIS – Scheduling Point/Tie Combination LMP



 This report can be used to determine all the scheduling point/tie combinations



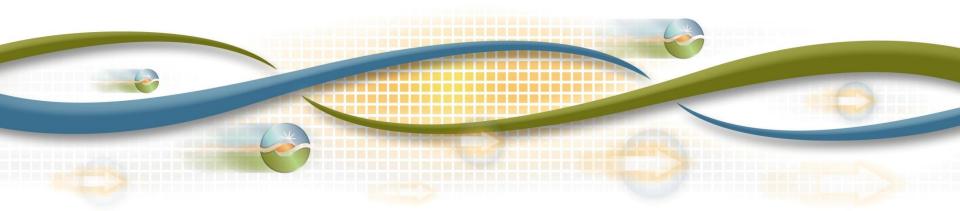
Use of Transaction IDs

- Effective April 1, 2015, all intertie schedules must use Transaction IDs, unless...
- Inter-tie resource meets the characteristics to continue to use registered resource IDs





E-Tagging Rules



E-Tagging rules

- The transaction ID will replace the resource ID on the e-Tag
- If the tag is for the next day in the day-ahead market timeframe or the next hour (HASP hour) in the real-time timeframe and the transaction ID and the tag do not match, the tag will be automatically denied by the scheduling system.
- If the tag is for a future trading day/hour and the transaction ID in the tag doesn't match, the tag will be approved per NAESB deadlines for taking action on an e-Tag. Later on it will be revalidated after the market has run for the time period the tag is submitted. The transaction ID in the tag will be validated against the most recent transaction ID payload.
 - If at that time the transaction ID and the tag do not match,
 scheduling system will automatically adjust the e-Tag to zero



Market Data Requirement in OASIS field

- A market award in the form of a Transaction ID is provided in the OASIS field of the Transmission Allocation section of the e-tag
- The required OASIS market data should appear on the first and/or last line (Import/Export, respectively) where the CAISO is designated as the responsible BAA in the SE column in the e-tag
- It is not required, but acceptable, to place the Transaction ID in the Misc Info. Field of the Physical Path

Transmission Allocation			
TP	Owner	Product	OASIS
""	""	""	""
ciso	""	""	XXXX-XXXX_XXX-XXXX- XXXX-X-X-X-XXXX



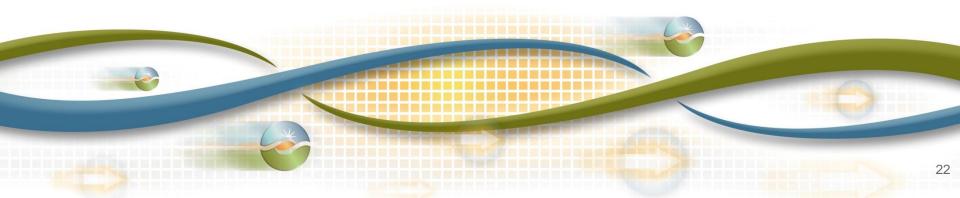
E-Tagging rules

- In any validation process, if the transaction ID matches, the tag is accepted
- A tag without a transaction ID or without a (Master File defined) resource ID, will be automatically rejected





References



References and additional information

- Transaction ID Illustration
 - http://www.caiso.com/Documents/TransactionID_Illustration.pdf
- Interchange Scheduling Web Page
 - http://www.caiso.com/market/Pages/InterchangeScheduling/default.aspx

