



Dual Connected Plant Business Practice

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The purpose of this business practice is to define the expected actions to be taken by the Generator Operator/Owner when a generating plant becomes isolated on to another transmission system due to a forced or planned transmission outage. TVA has two agreed upon processes to manage these situations.

MISO Region

When a generating plant loses its connection with its native transmission system and becomes isolated on to the MISO or TVA system the following options are available to the merchant plant.

1. Shut down the plant to discontinue using the neighboring transmission system.
2. Request transmission service from the affected Transmission Service Provider's OASIS. Confirmed transmission service must exist to continue operating the plant.

Transmission service shall be requested in full hour increments and for the max generation within hour. Reservation shall start back to the beginning hour of the outage until the end of the outage. All transmission service is subject to the ATC availability. Insufficient Transmission Service due to lack of ATC will require the plant to reduce generation to the amount of Confirmed Transmission Service or come off-line.

Those who choose to not comply with the above options will be charged the "Unreserved Use" penalty of 200% of the applicable rate as defined in the TVA Transmission Service Guidelines and FERC Order 890.

The following plants have the potential to be isolated on the TVA transmission system and would be required to request transmission service from TVA to continue generating (Attachment A.)

- Batesville (SME)
- Choctaw (Entergy)
- Plum Point (WR)

The following plants have the potential to be isolated on the MISO transmission system and would be required to request transmission service from MISO to continue generating (Attachment B.)

- Ackerman (TVA)
- Southaven (TVA)



SOCO Region

When a generating plant loses its connection with its native transmission system and becomes isolated on to the SOCO or TVA system the following options are available to the merchant of that plant.

1. Shut down the plant to discontinue using the neighboring transmission system
2. Request transmission service from the affected Transmission Service Provider's OASIS and create the appropriate tag (see Attachment C and Attachment D.) Confirmed transmission service and an approved tag must exist to continue operating the plant.

Transmission service shall be requested in full hour increments and for the max generation within hour. Reservation shall start back to the beginning hour of the outage until the end of the outage. All transmission service is subject to the ATC availability. Insufficient Transmission Service due to lack of ATC will require the plant to reduce generation to the amount of Confirmed Transmission Service or come off-line.

Those who choose to not comply with the above options will be charged the "Unreserved Use" penalty of 200% of the applicable rate as defined in the TVA Transmission Service Guidelines and FERC Order 890.

These plants have the potential to be isolated on the TVA transmission system and would be required to request transmission service from TVA and submit tags to TVA and SOCO to continue generating (Attachment D.)

- T. A. Smith1 – Oglethorpe Power (OPC) shall request transmission service and submit tags to TVA and SOCO.

These plants have the potential to be isolated on the SOCO transmission system and would be required to request transmission service from SOCO and submit tags to TVA and SOCO to continue generating (Attachment C.)

- Caledonia – TVA shall request transmission service and submit tags to SOCO and TVA.

Attachment A

On TVA OASIS

Batesville – PSE TSR Reference

- Source = BATESVILLE3
- Sink = EES (Any MISO Sink is satisfactory)
- POR = MISO.S
- POD = MISO.S
- Comment: Loss of MISO.S tie

Plum Point – PSE TSR Reference

- Source = PLUMPOINT
- Sink = EES (Any MISO Sink is satisfactory)
- POR = MISO.S
- POD = MISO.S
- Comment: Loss of MISO.S tie

Choctaw – PSE TSR Reference

- Source = CHOCTAW
- Sink = EES (Any MISO Sink is satisfactory)
- POR = TVA
- POD = MISO.S
- Comment: Loss of MISO.S tie

Attachment B

On MISO OASIS

Ackerman – PSE TSR Reference

- Source = (Any EES.XXXX)
- Sink = TVA
- POR = EES
- POD = TVA
- Comment: Loss of TVA tie

Southaven – PSE Reference

- Source = (Any EES.XXXX)
- Sink = TVA
- POR = EES
- POD = TVA
- Comment: Loss of TVA tie

Attachment C

Caledonia – TVA Import TSR on SOCO OASIS

- Source = CALEDONIA.SOCO
- Sink = TVA.TVA
- POR = SOCO
- POD = TVA
- Comment: Loss of TVA tie

Caledonia – TVA Import TSR on TVA OASIS

- NN6 or FN-7
- Source = CALEDONIA
- Sink = TVA
- POR = SOCO
- POD = TVA
- Comment: Loss of TVA tie

Caledonia – Export Tag

- PSE= TVAMPT, LSE= SOCO
- GCA = TVA
- LCA = SOCO
- Source = CALEDONIA
- Sink = SOCO
- MW = Expected MWs generated at Caledonia with no losses (The losses will be captured on the import tag)
- TVA AREF = BUS
- SOCO AREF = CALEDONIA

Caledonia – Import Tag

- PSE= TVAMPT, LSE= TVAMPT
- GCA = SOCO
- LCA = TVA
- Source = CALEDONIA
- Sink = TVA
- MW at Generator= Expected MWs generated at Caledonia
- MW to TVA = MWs generated at Caledonia minus 2.2% for losses required across SOCO's transmission system
- TVA AREF = TSR created above
- SOCO AREF = TSR created above

Attachment D

TASmith1 – Point-to-Point or Network on GTC OASIS

- Source = TASmith500.GTC
- Sink = OPCLOAD.GTC
- POR = TVA
- POD = GTC
- Comment: Loss of SOCO tie

TASmith1 – Point-to-Point on TVA OASIS

- Source = TASmith1.OPC
- Sink = SOCO
- POR = TVA
- POD = SOCO
- Comment: Loss of SOCO tie

TASmith1 – Import Tag

- Market Path LSE= OPCOP, TVA
- TSP = GTC
- GCA = SOCO
- POR: GTC
- LCA = TVA
- Source = TASmith1.OPC
- Sink = TVA
- MW = Expected MWs generated at TASmith1 with no losses (The losses will be captured on the export tag)
- TVA AREF = TASmith1
- SOCO AREF = TASmith1

TASmith1 – Export Tag

- Market Path LSE= OPCOP, OPCOP
- GCA = TVA
- LCA = SOCO
- Source = TASmith1.OPC
- Sink = OPC
- MW at Generator= Expected MWs generated at TASmith1
- MW to SOCO = MWs generated at TASmith minus 3% for losses required across TVA's transmission system
- TVA AREF = TSR created above
- GTC AREF = TSR created above