



ColumbiaGrid OASIS Portal

“ Quick Reference / How to Guide”

Note to Transmission Customers:

- The portal is provided as a free service by ColumbiaGrid
- No agreement / contract with ColumbiaGrid is necessary
- Invoicing for transmission service for TSRs submitted through the portal is handled by the respective TP

Last updated: August 2011

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The Portal's Primary Functionality

- New software created by OATI for ColumbiaGrid that operates in CG's OASIS Portal
- Promotes “one stop shopping” for requesting short-term transmission services across three participating TSPs (AVAT, BPAT, and PSEI)
- Creates separate Transmission Service Requests (TSRs) for simultaneous submission to each participating TSP's OASIS site for processing
- Allows the user to see available routes, transmission service type, and pricing for all TSP's at the same time



How do Transmission Customers use it?

(High Level)

Step 1: Log-on to OATI's webTTrans OASIS:

Step 2: Build your "Deal"

New TSR Deal Creation Wizard

Step 3: Choose the route / submit the "Deal"

Step 4: Reference "Deal Summary" for TSP confirmation



How do Transmission Customers use it?

(Details)

Step 1: Log into OASIS & go to CG OASIS Portal by clicking the CG icon on the Common Western OASIS home page: http://www.oatioasis.com/cwo_default.htm or directly <http://www.oatioasis.com/COGR/index.html>.



Step 2: Select the “CG Deals” menu item or the “CG Deal Summary / New TSR Deal Creation Wizard” button





How do TC's use it? (cont.)

Step 3: Click the “New TSR Deal Creation Wizard” menu item



Deal Summary

Segments

New TSR Deal Creation Wizard

Step 4: Complete the New TSR Creation Template.



This is the heart of the system where customers can query and execute requests to meet their service needs.

New TSR Deal Creation Wizard

Template

POR

POD

Start

Stop

MW

☐ Firm

☐ Non-Firm

☐ Auto-Confirm

☐ Auto-Withdraw

☐ Ignore Zero Cap.

☐ Ignore Trans-Serv

4.0 TSR Creation Template Details

4.1 Select desired POR and POD for service that you want:

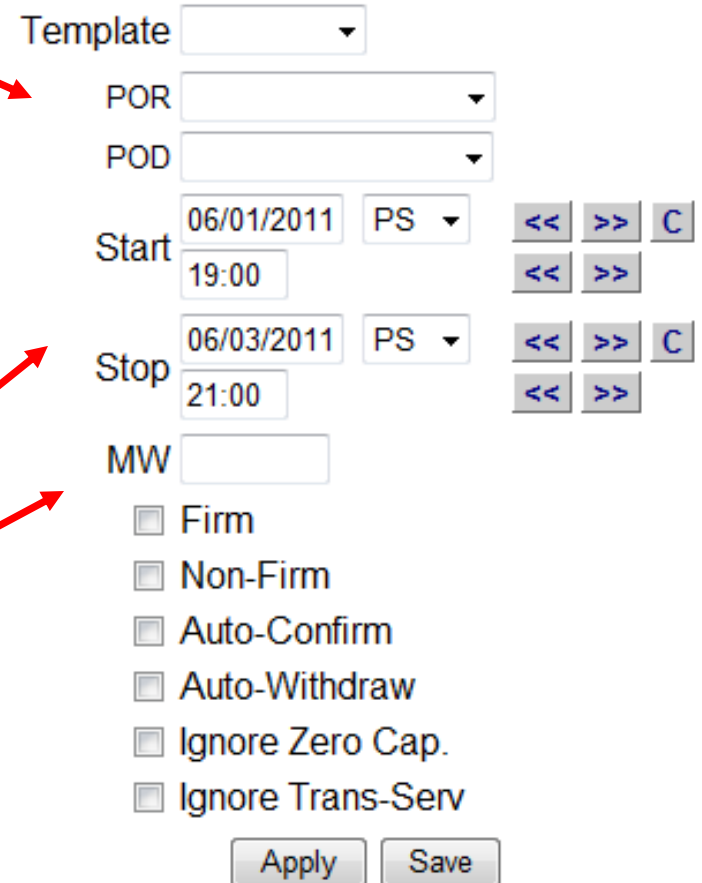
4.1.1 The list includes all reservable POR and POD points for BPAT, PSEI and AVAT including both internal (network) and external Service Points

4.1.2 You can select POR/POD's within a single TSP or across the three TSPs / BAs.

4.2 Specify the Start/Stop date & time

4.3 Specify the MW

New TSR Deal Creation Wizard



Template

POR

POD

Start

19:00

Stop

21:00

MW

☐ Firm

☐ Non-Firm

☐ Auto-Confirm

☐ Auto-Withdraw

☐ Ignore Zero Cap.

☐ Ignore Trans-Serv

TSR Creation Template Details (cont.)

New TSR Deal Creation Wizard

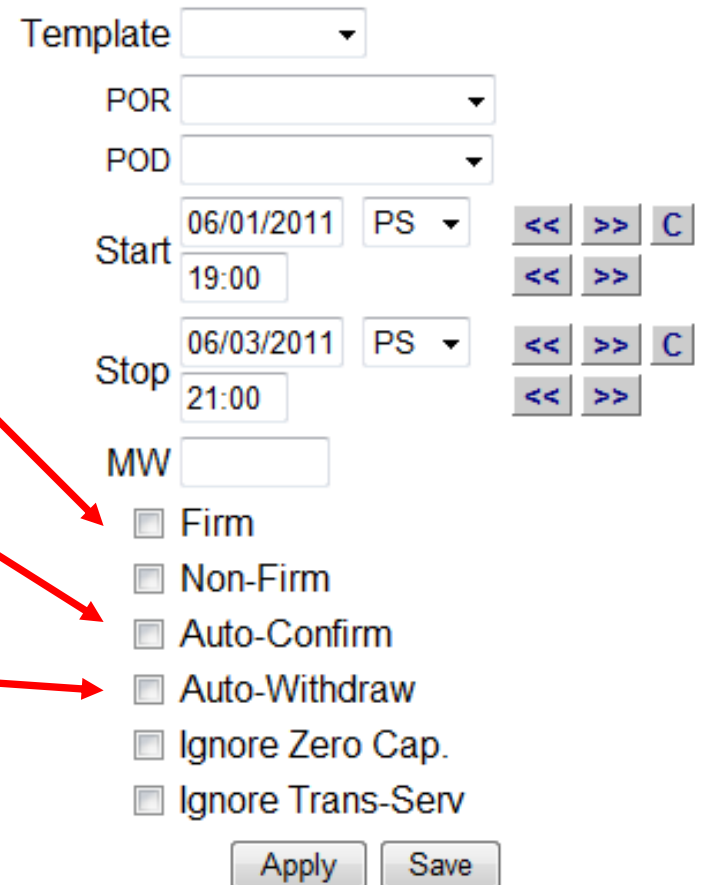
4.4 Specify the options for the wizard to use:

4.4.1 Check “Firm” or “Non-Firm” to limit type of service queried by the wizard

4.4.2 Check “Auto-Confirm” to cause requests to be submitted as pre-confirmed

4.4.3 Check “Auto-Withdraw” to cause the Deal Maker to withdraw ALL requests if any ONE of them is not ACCEPTED by the TP’s system

(Note: 4.4.2 & 4.4.3 are mutually exclusive)



Template

POR

POD

Start

Stop

MW

☐ Firm

☐ Non-Firm

☐ Auto-Confirm

☐ Auto-Withdraw

☐ Ignore Zero Cap.

☐ Ignore Trans-Serv

TSR Creation Template Details (cont.)

4.4 Specify the options for the wizard to use:

4.4.4 Check “Ignore Zero Cap” to ignore reservation segments with no capacity available

(results of possible routes will exclude segments with no posted ATC available on their OASIS)

4.4.2 Check “Ignore Trans-Serv” to include all valid routes even if a TSP does not have a valid service that corresponds to the request

Example: A customer desires daily NF service. AVAT & PSEI offer this service, but BPAT does not; so checking this box for such request will show the BPAT segment, although no TSR could be requested for the BPAT piece

New TSR Deal Creation Wizard

Template

POR

POD

Start

19:00

Stop

21:00

MW

☐ Firm

☐ Non-Firm

☐ Auto-Confirm

☐ Auto-Withdraw

☐ Ignore Zero Cap.

☐ Ignore Trans-Serv

TSR Creation Template Details (cont.)

4.5 Click “Save” to save these setting as a template

4.6 Click “Apply” to show Available Routes – possible sets of requests that could meet this request for service

New TSR Deal Creation Wizard

Template ▼

POR PSEI.SYSTEM ▼

POD AVA.SYS ▼

Start 07/06/2011 CS ▼ 15:00 << >> C

Stop 07/06/2011 CS ▼ 16:00 << >> C

MW 10

☐ Firm

☐ Non-Firm

☐ Auto-Confirm

☐ Auto-Withdraw

☐ Ignore Zero Cap.

☐ Ignore Trans-Serv

Apply
Save

Available Routes

TSR		Capacity		Transmission Service		Price	
New TSR	Segments	Requested	Available	Increment	Class	\$	Units
Submit		2 -	10	225.0	HOURLY	NON-FIRM	7.94 \$/MW-Hour
Buy	TP	POR	POD	Available	Increment	Class	\$
☐	PSEI	PSEI.SYSTEM	MIDC	775.0	HOURLY	NON-FIRM	2.1700 \$/MW HOUR
☐	AVAT	MIDC	AVA.SYS	225.0	HOURLY	NON-FIRM	5.7700 \$/MWH (\$US)
Submit		3 -	10	10	HOURLY	NON-FIRM/FIRM	11.72 \$/MW-Hour
Buy	TP	POR	POD	Available	Increment	Class	\$
☐	PSEI	PSEI.SYSTEM	BPAT.PSEI	5077.0	HOURLY	NON-FIRM	2.1700 \$/MW HOUR
☐	BPAT	BPAT.PSEI	AVA.BPAT	10	HOURLY	FIRM +	3.7800 \$/MW-HOUR
☐	AVAT	AVA.BPAT	AVA.SYS	971.0	HOURLY	NON-FIRM	5.7700 \$/MWH (\$US)
Submit		3 -	10	10	HOURLY	NON-FIRM/FIRM	11.72 \$/MW-Hour
Buy	TP	POR	POD	Available	Increment	Class	\$
☐	PSEI	PSEI.SYSTEM	BPAT.PSEI	5077.0	HOURLY	NON-FIRM	2.1700 \$/MW HOUR
☐	BPAT	BPAT.PSEI	BPAT.NWMT	10	HOURLY	FIRM +	3.7800 \$/MW-HOUR
☐	AVAT	AVAT.NWMT	AVA.SYS	332.0	HOURLY	NON-FIRM	5.7700 \$/MWH (\$US)
Submit		3+	10	10	HOURLY	NON-FIRM/FIRM	11.72 \$/MW-Hour
Submit		3+	10	10	HOURLY	NON-FIRM/FIRM	11.72 \$/MW-Hour

CG Routes 1 through 5 out of 6

First
Last
Previous
Next
Show Total Record Count

5.0 Select Route Options

5.1 Click the +/- symbols to expand or collapse that part of the display.

5.2 Check the boxes to select segment options within a route.

5.3 Click the "Submit" button to select a route. This takes you to a follow-on display for verification – prior to requests being submitted to the TP's systems.

Available Routes

TSR		Capacity		Transmission Service		Price	
New TSR	Segments	Requested	Available	Increment	Class	\$	Units
Submit	2 -	10	225.0	HOURLY	NON-FIRM	7.94	\$/MW-Hour
Buy	TP	POR	POD	Available	Increment	Class	\$
☐	PSEI	PSEI.SYSTEM	MIDC	775.0	HOURLY	NON-FIRM	2.1700
☐	AVAT	MIDC	AVA.SYS	225.0	HOURLY	NON-FIRM	5.7700
Submit	3 -	10	10	HOURLY	NON-FIRM/FIRM	11.72	\$/MW-Hour
Buy	TP	POR	POD	Available	Increment	Class	\$
☒	PSEI	PSEI.SYSTEM	BPAT.PSEI	5077.0	HOURLY	NON-FIRM	2.1700
☐	BPAT	BPAT.PSEI	AVA.BPAT	10	HOURLY	FIRM +	3.7800
☒	AVAT	AVA.BPAT	AVA.SYS	971.0	HOURLY	NON-FIRM	5.7700
Submit	3 -	10	10	HOURLY	NON-FIRM/FIRM	11.72	\$/MW-Hour
Buy	TP	POR	POD	Available	Increment	Class	\$
☐	PSEI	PSEI.SYSTEM	BPAT.PSEI	5077.0	HOURLY	NON-FIRM	2.1700
☐	BPAT	BPAT.PSEI	BPAT.NWMT	10	HOURLY	FIRM +	3.7800
☐	AVAT	AVAT.NWMT	AVA.SYS	332.0	HOURLY	NON-FIRM	5.7700
Submit	3+	10	10	HOURLY	NON-FIRM/FIRM	11.72	\$/MW-Hour
Submit	3+	10	10	HOURLY	NON-FIRM/FIRM	11.72	\$/MW-Hour
CG Routes 1 through 5 out of 6							
First	Last	Previous	Next	Show Total Record Count			

Note: Because BPA is a flow-based system, the "Capacity / ATC" shown as "Available" will either be "zero" or equal the "Requested" amount.

6.0 - Submit Requests to TPs

6.1 If desired, assign a “Deal Name”.
This name will show up in the Portal Deal Summary displays

6.2 Verify the “Confirm Accepted” or the “Withdraw Denied” options.

Note: If a service requested is required to be submitted as pre-confirmed by any of the TPs in the route (e.g., hourly non-firm on AVAT), a validation (below) will prevent submittal without checking the Confirm Accepted box.

CG Deal Entry Form

Submit Close

POR TP POD TP	POR POD	Deal Service	Deal Name	Confirm Accepted	Withdraw Denied
PSEI AVAT	PSEI.SYSTEM AVA.SYS	HOURLY NON-FIRM	Puget to Avista	☒	☐

Provider Seller Customer	POR POD	Trans Service	Start Time	Stop Time	MW	Bid Price	Sale Ref
PSEI PSEI PSEM	PSEI.SYSTEM BPAT.PSEI	HOURLY NF	07/07/2011 17:00 CS	07/07/2011 18:00 CS	10	0.0000	
BPAT BPAT PSEM	BPAT.PSEI MIDCREMOTE	F-HOURLY PTP	07/07/2011 17:00 CS	07/07/2011 18:00 CS	10	3.7800	12195
AVAT AVAT PSEM	MIDC AVA.SYS	HOURLY NON-FIRM	07/07/2011 17:00 CS	07/07/2011 18:00 CS	10	4.0000	

Data Entry Errors

- Need to check ConfirmAccepted for this deal as the Service has Pre-confirmed Priority set.

Please correct and re-enter.

Although some requests do not require either box to be checked, a validation prevents both boxes from being selected.

Data Entry Errors

- Cannot select both ConfirmAccepted and WithdrawDenied.

Please correct and re-enter.

6.4 Click “Submit” then “Submit Deal” to generate TSRs and send them to the TPs; or “Close” to cancel out of this deal and return to the Available Routes screen

Note: Clicking the “Submit” button will result in both button’s status changing to that shown below, requiring a final click on the “Submit Deal” button.

6.3 Verify the Sale Ref for the request. For BPAT segments the software automatically assigns the first valid PTP contract that the customer has with BPA.

Notes:

- BPAT requires the Sale Ref to be specified; other TPs do not.
- Redirect requests cannot be submitted through the portal; a future enhancement to allow for this service will be considered.

CG Deal Entry Form

Submit Deal Back



7.0 View submittal on Deal Summary

7.1 The Deal Summary display will automatically open after a deal has been submitted, showing the Deal ID# assigned and the deal Status as “Pending”

Deal ID	Deal Name	Assign Ref	Status	Customer	Provider	Seller	POR TP	POD TP	POR	POD	Service
+ 799991	Puget to Avista		PENDING	PSEM			PSEI	AVAT	PSEI.SYSTEM	AVA.SYS	HOURLY NON-FIRM

7.2 Clicking on the Deal ID# will display the Deal Detail screen showing any update to the deal status as well as the Assign Refs / TSRs created for each TP.

Deal Detail 799991 DEAD

Create New Deal

Print View

Close

POR TP	POD TP	Service	Start	Stop	Customer	Deal Ref	Creation Time	Created By
PSEI	PSEI.SYSTEM	HOURLY NON-FIRM	2011-07-08 14:00:00 CS	2011-07-08 15:00:00 CS	PSEM	5	2011-07-08 13:03:25 CS	PSEM_cg2
AVAT	AVA.SYS							

Confirm Accepted: YesWithdraw Denied: No

Request Profile												
Assign Ref	TP	Seller	POR	POD	Service	Start Date	Stop Date	MW Req	MW Grant	Status	Bid Price	Offer Price
70152640	PSEI	PSEI	PSEI.SYSTEM	BPAT.PSEI	HOURLY NF	2011-07-08 14:00:00 CS	2011-07-08 15:00:00 CS	10.0		INVALID	0.0000	
70152641	BPAT	BPAT	BPAT.PSEI	MIDCREMOTE	F-HOURLY PTP	2011-07-08 14:00:00 CS	2011-07-08 15:00:00 CS	10.0	10.0	CONFIRMED	3.7800	3.7800
70152642	AVAT	AVAT	MIDC	AVA.SYS	HOURLY NON-FIRM	2011-07-08 14:00:00 CS	2011-07-08 15:00:00 CS	10.0	10.0	CONFIRMED	4.0000	4.0000

Customer: PSEM

Name	PSEM_cg2
Phone	
Fax	
E-mail	

Note: For TSR's submitted that are NOT pre-confirmed, those Accepted by the TP will need to be Confirmed through customer login to the individual TP's OASIS, e.g., usually Daily Firm or Non-Firm will fall into this category.



Contact for Questions

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Note: Questions related to the processing of submitted TSRs should be directed to the TP.

Any TP with a physical connection to BPA, Avista, or Puget could potentially benefit and be part of the ColumbiaGrid OASIS Portal through signing the "ColumbiaGrid OASIS Functional Agreement"; an agreement that includes eight participants -- the three aforementioned participants and five PUD and municipality participants. The cost of a participant joining the OASIS Functional Agreement is specific to that particular participant based on the participant's load and transmission investment. ColumbiaGrid would be eager to discuss the particulars with any entity interested in joining the OASIS Functional Agreement, a document that is posted on our website: www.columbiagrid.org. Becoming an OASIS Functional Agreement participant does not require membership in ColumbiaGrid.



Appendix

- Service Points (POR/PODs)
- Service Point Adjacencies
- Transmission Service Comparison
- Segments

Note: Appendix information as of 7/25/11.

Service Points (POR/PODs)

Avista (AVAT)

Provider	Point Name	IsPOR	IsPOD	Location	Active
AVAT	AVA.BPAT	YES	YES	EXTERNAL	YES
AVAT	AVAPUD	YES	YES	EXTERNAL	YES
AVAT	AVAT.NWMT	YES	YES	EXTERNAL	YES
AVAT	BPATPUD	YES	YES	EXTERNAL	YES
AVAT	BROADVIEW	YES	YES	EXTERNAL	YES
AVAT	CHELAN.AVA	YES	YES	EXTERNAL	YES
AVAT	CHPD	YES	YES	EXTERNAL	YES
AVAT	COLSTRIP	YES	YES	EXTERNAL	YES
AVAT	DRYCREEK	YES	YES	EXTERNAL	YES
AVAT	GARRISON	YES	YES	EXTERNAL	YES
AVAT	GCPD	YES	YES	EXTERNAL	YES
AVAT	GRANT.AVA	YES	YES	EXTERNAL	YES
AVAT	LOLO	YES	YES	EXTERNAL	YES
AVAT	MIDC	YES	YES	EXTERNAL	YES
AVAT	TOWNSEND	YES	YES	EXTERNAL	YES
AVAT	AVA.SYS	YES	YES	INTERNAL	YES
AVAT	AVA.WEST	YES	YES	INTERNAL	YES
AVAT	NEWPOINT	YES	NO	INTERNAL	YES
AVAT	NOXON	YES	YES	INTERNAL	YES
AVAT	PINESTREET	NO	YES	INTERNAL	YES



Service Points (POR/PODs) (cont.)

INTERNAL

Puget Sound Energy (PSEI)

EXTERNAL

Provider	Point Name	IsPOR	IsPOD	Location	Active
PSEI	BC.US.BORDER	YES	YES	EXTERNAL	YES
PSEI	BPAT.PSEI	YES	YES	EXTERNAL	YES
PSEI	BROADVIEW	YES	YES	EXTERNAL	YES
PSEI	CENTRALIA	YES	NO	EXTERNAL	YES
PSEI	COB	YES	YES	EXTERNAL	YES
PSEI	COLSTRIP	YES	YES	EXTERNAL	YES
PSEI	GARRISON	NO	YES	EXTERNAL	YES
PSEI	JOHNDAY	YES	YES	EXTERNAL	YES
PSEI	MDC	YES	YES	EXTERNAL	YES
PSEI	MIDCREMOTE	YES	YES	EXTERNAL	YES
PSEI	ORCAS	NO	YES	EXTERNAL	YES
PSEI	PORTTOWNMILL	NO	YES	EXTERNAL	YES
PSEI	SCL.SYSTEM	YES	YES	EXTERNAL	YES
PSEI	SNOH.PUD	YES	YES	EXTERNAL	YES
PSEI	TOWNSEND	YES	YES	EXTERNAL	YES
PSEI	TPWR.STAR	YES	YES	EXTERNAL	YES

Provider	Point Name	IsPOR	IsPOD	Location	Active
PSEI	ALIQUEIDE449	NO	YES	INTERNAL	YES
PSEI	APRODUCTS449	NO	YES	INTERNAL	YES
PSEI	BCS.ORCH449	NO	YES	INTERNAL	YES
PSEI	BCS.ROED449	NO	YES	INTERNAL	YES
PSEI	BLAINE	NO	YES	INTERNAL	YES
PSEI	BOEING449	NO	YES	INTERNAL	YES
PSEI	BPREFINRY449	NO	YES	INTERNAL	YES
PSEI	CEDARFALLGEN	YES	NO	INTERNAL	YES
PSEI	CONT.NW449	NO	YES	INTERNAL	YES
PSEI	ENPRISE.PUMP	NO	YES	INTERNAL	YES
PSEI	EQUILON449	NO	YES	INTERNAL	YES
PSEI	FERNDAL.PUMP	NO	YES	INTERNAL	YES
PSEI	GEORGPAC449	NO	YES	INTERNAL	NO
PSEI	INTEL449	NO	YES	INTERNAL	YES
PSEI	KITTITAS	NO	YES	INTERNAL	YES
PSEI	LOCAL.GEN	YES	NO	INTERNAL	YES
PSEI	MARCHPT_GEN	YES	NO	INTERNAL	YES
PSEI	NEWPOINT	YES	YES	INTERNAL	YES
PSEI	PSEI.SYSTEM	YES	YES	INTERNAL	YES
PSEI	SEATAC	NO	YES	INTERNAL	YES
PSEI	SOUTHTOLTGEN	YES	NO	INTERNAL	YES
PSEI	SPI_CABO_GEN	YES	NO	INTERNAL	YES
PSEI	SUMAS	NO	YES	INTERNAL	YES
PSEI	TANNER.AL	NO	YES	INTERNAL	YES
PSEI	TANNER.LB	NO	YES	INTERNAL	YES
PSEI	TANNER.NB	NO	YES	INTERNAL	YES
PSEI	TENASKA_GEN	YES	NO	INTERNAL	YES
PSEI	TESORO449	NO	YES	INTERNAL	YES
PSEI	WINDRIDGE	YES	YES	INTERNAL	YES



Service Points (POR/PODs) (cont.)

BPA (BPAT) - EXTERNAL

Provider	Point Name	IsPOR	IsPOD	Location	Active
BPAT	ALBANY12PAC	NO	YES	EXTERNAL	YES
BPAT	AVA.BPAT	YES	YES	EXTERNAL	YES
BPAT	BANDONPAC	NO	YES	EXTERNAL	YES
BPAT	BC.US.BORDER	YES	YES	EXTERNAL	YES
BPAT	BEVERLYPARK	NO	YES	EXTERNAL	YES
BPAT	BIGEDDY	YES	YES	EXTERNAL	YES
BPAT	BOUNDARY	YES	YES	EXTERNAL	YES
BPAT	BPAT.CHPD	YES	YES	EXTERNAL	YES
BPAT	BPAT.DOPD	YES	YES	EXTERNAL	YES
BPAT	BPAT.GCPD	YES	YES	EXTERNAL	YES
BPAT	BPAT.NWMT	YES	YES	EXTERNAL	YES
BPAT	BPAT.PACW	YES	YES	EXTERNAL	YES
BPAT	BPAT.PGE	YES	YES	EXTERNAL	YES
BPAT	BPAT.PSEI	YES	YES	EXTERNAL	YES
BPAT	BPAT.SCL	YES	YES	EXTERNAL	YES
BPAT	BPAT.TPU	YES	YES	EXTERNAL	YES
BPAT	BROADVIEW	YES	NO	EXTERNAL	YES
BPAT	CLYMER	NO	YES	EXTERNAL	YES
BPAT	COB	YES	YES	EXTERNAL	YES
BPAT	COOSPAC	NO	YES	EXTERNAL	YES
BPAT	COYOTESPRNG1	YES	YES	EXTERNAL	YES
BPAT	DALREED	YES	YES	EXTERNAL	YES
BPAT	DALREED	YES	YES	EXTERNAL	YES
BPAT	DEMOSSPAC	NO	YES	EXTERNAL	YES
BPAT	FAIRMNTPSEI	NO	YES	EXTERNAL	YES
BPAT	FREDRICKSON	YES	YES	EXTERNAL	YES
BPAT	GARRISON	YES	YES	EXTERNAL	YES

Provider	Point Name	IsPOR	IsPOD	Location	Active
BPAT	GOLDENDALCPN	YES	YES	EXTERNAL	YES
BPAT	HERMISTONGEN	YES	NO	EXTERNAL	YES
BPAT	HILLTOP345	YES	YES	EXTERNAL	YES
BPAT	JOHNDAY	YES	YES	EXTERNAL	YES
BPAT	KFALLS	YES	YES	EXTERNAL	YES
BPAT	LAGRANDE	YES	YES	EXTERNAL	YES
BPAT	MALIN230	YES	YES	EXTERNAL	YES
BPAT	MALIN230	YES	YES	EXTERNAL	YES
BPAT	MIDCREMOTE	YES	YES	EXTERNAL	YES
BPAT	MIDWAY230	YES	YES	EXTERNAL	YES
BPAT	MISSIONVLY	NO	YES	EXTERNAL	YES
BPAT	NOB	YES	YES	EXTERNAL	YES
BPAT	OKANOGAN	YES	YES	EXTERNAL	YES
BPAT	PENDLETONPAC	NO	YES	EXTERNAL	YES
BPAT	PILOTBUTE230	NO	YES	EXTERNAL	YES
BPAT	PONDEROSA230	NO	YES	EXTERNAL	YES
BPAT	PONDEROSA230	NO	YES	EXTERNAL	YES
BPAT	POPD	YES	YES	EXTERNAL	YES
BPAT	QUILCENE	NO	YES	EXTERNAL	YES
BPAT	SALEMPAC	NO	YES	EXTERNAL	YES
BPAT	SANTIAMPAC	NO	YES	EXTERNAL	YES
BPAT	SLATT	YES	YES	EXTERNAL	YES
BPAT	WOODLANDTAP	YES	YES	EXTERNAL	YES
BPAT	WOODLANDTAP	YES	YES	EXTERNAL	YES
BPAT	YAKIMAPAC	NO	YES	EXTERNAL	YES



Service Points (POR/PODs) (cont.)

BPA (BPAT) – INTERNAL (Network)

Provider Point Name	IsPOR	IsPOD	Provider Point Name	IsPOR	IsPOD	Provider Point Name	IsPOR	IsPOD	Provider Point Name	IsPOR	IsPOD
BPAT ALBANYMINES	NO	YES	BPAT DUCKABUSH	YES	NO	BPAT MIDSTATELEC	NO	YES	BPAT SALEMELECTRC	NO	YES
BPAT ALCOAINTALCO	NO	YES	BPAT FRKPASGEN	YES	NO	BPAT MILTONFRWTR	YES	YES	BPAT SATSOP230	YES	YES
BPAT ALCOATROUTDL	NO	YES	BPAT GHLLC	YES	NO	BPAT MINTFARMGEN	YES	YES	BPAT SATSOP230	YES	YES
BPAT ALCOAWENATCH	NO	YES	BPAT GI99	YES	NO	BPAT MISSOULA	NO	YES	BPAT SHERMANWIND	YES	NO
BPAT ALLSTON	YES	NO	BPAT HERMISTONCPN	YES	YES	BPAT MONMOUTH	NO	YES	BPAT SILVERBOW	NO	YES
BPAT ARLNGTNWIND	YES	YES	BPAT HOODRIVER	YES	YES	BPAT NESPELEMBPAT	NO	YES	BPAT SILVERBOW	NO	YES
BPAT BANDON	NO	YES	BPAT HOPKINSRIDGE	YES	YES	BPAT NEWPOINTBPAT	YES	YES	BPAT SKAMANIA	NO	YES
BPAT BENTON	YES	YES	BPAT INLANDPOWER	NO	YES	BPAT NEWPOINTBPAT	YES	YES	BPAT SLATT230	YES	YES
BPAT BENTONREA	YES	YES	BPAT JUNIPERWIND	YES	YES	BPAT NINECANYONW	YES	NO	BPAT SLATT230	YES	YES
BPAT BETTASROAD	YES	YES	BPAT KAISERBELL	NO	YES	BPAT NORTHERNLGTS	YES	YES	BPAT TROJAN	YES	NO
BPAT BIGBEND	YES	YES	BPAT KAISERTRENT	NO	YES	BPAT NORTHWASCO	YES	YES	BPAT TROJAN	YES	NO
BPAT BIGFORK	YES	NO	BPAT KITTITASBPAT	NO	YES	BPAT NWALUMINUM	NO	YES	BPAT VANSYCLE	YES	NO
BPAT BIGLOW	YES	YES	BPAT KCLICKITAT	YES	YES	BPAT NWH	YES	YES	BPAT VANSYCLE	YES	NO
BPAT BLACHLY	NO	YES	BPAT KLONDIKESH	YES	YES	BPAT OREGONTRAIL	NO	YES	BPAT VERA	NO	YES
BPAT BOARDMAN115	YES	NO	BPAT KLONDIKESH	YES	YES	BPAT PACIFICPUD	NO	YES	BPAT VIGILANTE	NO	YES
BPAT BONNERSFERRY	YES	YES	BPAT LANCASTER	YES	YES	BPAT PACKWOOD	YES	YES	BPAT WAHIAKUM	NO	YES
BPAT BPAPOWER	YES	YES	BPAT LANELECTRIC	YES	YES	BPAT PACKWOOD	YES	YES	BPAT WASCO	YES	YES
BPAT BPCHERRYPT	YES	NO	BPAT LAPINE230	YES	NO	BPAT PLYMOUTHGEN	YES	NO	BPAT WESTOREGON	NO	YES
BPAT CASCADELOCKS	NO	YES	BPAT LAPINE230	YES	NO	BPAT PLYMOUTHGEN	YES	NO	BPAT WESTWARD	YES	NO
BPAT CENTRALELEC	NO	YES	BPAT LEWISPUDD	YES	YES	BPAT PNGC	YES	YES	BPAT WEYERHAUSER2	YES	NO
BPAT CENTRALLINCN	NO	YES	BPAT LIFELINEGEN	YES	NO	BPAT PNGC	YES	YES	BPAT WEYERHAUSER2	YES	NO
BPAT CHEHALISPWR	YES	YES	BPAT LINCOLN	NO	YES	BPAT PONDEROSA500	YES	NO	BPAT WHATCOM	NO	YES
BPAT CLALLAM	NO	YES	BPAT LONGVIEWALUM	NO	YES	BPAT PONDEROSA500	YES	NO	BPAT WINDRIDGE	YES	NO
BPAT CLARK	YES	YES	BPAT LONGVIEWEP	YES	NO	BPAT PORTANGELES	NO	YES	BPAT WYNOOCHEE	YES	NO
BPAT CLATSKANIE	YES	YES	BPAT MASONPUD1	NO	YES	BPAT PRIESTRAPIDS	YES	NO	BPAT YAKAMADPGEN	YES	NO
BPAT CLEARWATER	NO	YES	BPAT MASONPUD3	NO	YES	BPAT RICHLAND	NO	YES	BPAT YAKAMADPGEN	YES	NO
BPAT COFFINBUTTE	YES	NO	BPAT MCCLEARY	NO	YES	BPAT ROCKCREEK	YES	YES	BPAT YAKAMAPOWER	NO	YES
BPAT COMBINEHILLS	YES	YES	BPAT MCMINNVILLE	YES	YES	BPAT SADDLEBACK	YES	NO			



Service Point Adjacencies

Note: All adjacencies shown have also been defined in the reverse direction.

Provider	Name	Adjacent Provider	Adjacent Name
BPAT & AVAT			
BPAT	AVA.BPAT	AVAT	AVA.BPAT
BPAT	BPAT.NWMT	AVAT	AVAT.NWMT
BPAT	MIDCREMOTE	AVAT	BPATPUD
BPAT	BROADVIEW	AVAT	BROADVIEW
BPAT	GARRISON	AVAT	GARRISON
BPAT	MIDCREMOTE	AVAT	MIDC
BPAT & PSEI			
BPAT	BEVERLYPARK	PSEI	SNOH.PUD
BPAT	BPAT.PSEI	PSEI	BPAT.PSEI
BPAT	BROADVIEW	PSEI	BROADVIEW
BPAT	CENTRALIA	PSEI	CENTRALIA
BPAT	COB	PSEI	COB
BPAT	GARRISON	PSEI	GARRISON
BPAT	JOHNDAY	PSEI	JOHNDAY
BPAT	MIDCREMOTE	PSEI	MIDC
AVAT & PSEI			
AVAT	BROADVIEW	PSEI	BROADVIEW
AVAT	COLSTRIP	PSEI	COLSTRIP
AVAT	GARRISON	PSEI	GARRISON
AVAT	MIDC	PSEI	MIDC
AVAT	TOWNSEND	PSEI	TOWNSEND
Interties			
BPAT	BIGEDDY	BPATS	BIGEDDY
BPAT	COB	BPATS	COB
BPAT	JOHNDAY	BPATS	JOHNDAY
BPAT	NOB	BPATS	NOB
PSEI	COB	BPATS	COB
PSEI	JOHNDAY	BPATS	JOHNDAY

Note: "BPATS" is an internal TP created under special programming rules to allow the southern interties (COI & PDCI) to be reservable.



Transmission Service Comparison

Service Description	AVAT		BPAT		PSEI	
	Service Code	Deal	Service Code	Deal	Service Code	Deal
Hourly F			F-HOURLY PTP	HOURLY FIRM		
Hourly NF	HOURLY NON-FIRM	HOURLY NON- FIRM	NF-HOURLY PTP	HOURLY NON- FIRM	HOURLY NF	HOURLY NON- FIRM
Daily F	DAILY FIRM	DAILY FIRM	STF-DAILY PTP	DAILY FIRM	DAILY FIRM FIXED	DAILY FIRM
Daily F					DAILY FIRM SLIDING	DAILY FIRM
Daily F					DAILY FIRM EXTENDED	DAILY FIRM
Daily NF	DAILY NON-FIRM	DAILY NON- FIRM			DAILY NF FIXED	DAILY NON- FIRM
Daily NF					DAILY NF SLIDING	DAILY NON- FIRM
Daily NF					DAILY NF EXTENDED	DAILY NON- FIRM
Weekly F	WEEKLY FIRM	WEEKLY FIRM	STF-WEEKLY PTP	WEEKLY FIRM	WEEKLY FIRM SLIDING	WEEKLY FIRM
Weekly F					WEEKLY FIRM FIXED	WEEKLY FIRM
Weekly F					WEEKLY FIRM EXTENDED	WEEKLY FIRM
Weekly NF	WEEKLY NON-FIRM	WEEKLY NON- FIRM			WEEKLY NF SLIDING	WEEKLY NON- FIRM
Weekly NF					WEEKLY NF FIXED	WEEKLY NON- FIRM
Weekly NF					WEEKLY NF EXTENDED	WEEKLY NON- FIRM
Weekly NF					WEEKLY 2ND NETWORK	WEEKLY NON- FIRM
Monthly F	MONTHLY FIRM	MONTHLY FIRM	STF-MONTHLY PTP	MONTHLY FIRM	MONTHLY FIRM FIXED	MONTHLY FIRM
Monthly F					MONTHLY FIRM SLIDING	MONTHLY FIRM
Monthly F					MONTHLY FIRM EXTENDED	MONTHLY FIRM
Monthly NF	MONTHLY NON-FIRM	MONTHLY NON- FIRM			MONTHLY NF FIXED	MONTHLY NON- FIRM
Monthly NF					MONTHLY NF SLIDING	MONTHLY NON- FIRM
Monthly NF					MONTHLY NF EXTENDED	MONTHLY NON- FIRM

Note: The programming logic uses the requested Start/Stop time to fit the request into the appropriate service type offered by the TSP.

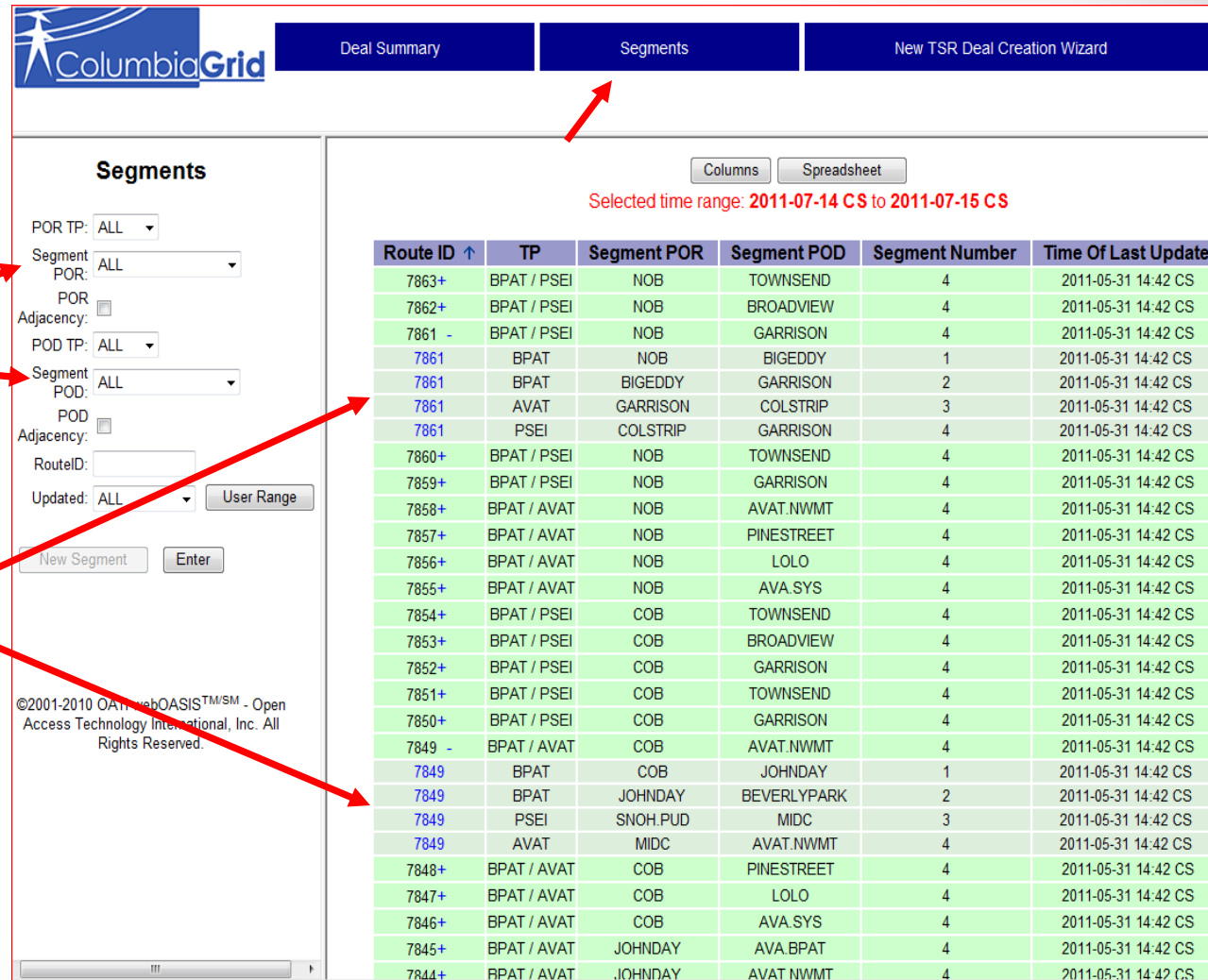
Segments

Use to research the Route between a POR/POD; to see Adjacencies

1. Click on “Segments”

2. Choose parameters (POR/POD) ...
Enter

3. Expand “Route ID”
to see the
segments between
the POR/POD



Columns Spreadsheet

Selected time range: 2011-07-14 CS to 2011-07-15 CS

Route ID ↑	TP	Segment POR	Segment POD	Segment Number	Time Of Last Update
7863+	BPAT / PSEI	NOB	TOWNSEND	4	2011-05-31 14:42 CS
7862+	BPAT / PSEI	NOB	BROADVIEW	4	2011-05-31 14:42 CS
7861 -	BPAT / PSEI	NOB	GARRISON	4	2011-05-31 14:42 CS
7861	BPAT	NOB	BIGEDDY	1	2011-05-31 14:42 CS
7861	BPAT	BIGEDDY	GARRISON	2	2011-05-31 14:42 CS
7861	AVAT	GARRISON	COLSTRIP	3	2011-05-31 14:42 CS
7861	PSEI	COLSTRIP	GARRISON	4	2011-05-31 14:42 CS
7860+	BPAT / PSEI	NOB	TOWNSEND	4	2011-05-31 14:42 CS
7859+	BPAT / PSEI	NOB	GARRISON	4	2011-05-31 14:42 CS
7858+	BPAT / AVAT	NOB	AVAT.NWMT	4	2011-05-31 14:42 CS
7857+	BPAT / AVAT	NOB	PINESTREET	4	2011-05-31 14:42 CS
7856+	BPAT / AVAT	NOB	LOLO	4	2011-05-31 14:42 CS
7855+	BPAT / AVAT	NOB	AVA.SYS	4	2011-05-31 14:42 CS
7854+	BPAT / PSEI	COB	TOWNSEND	4	2011-05-31 14:42 CS
7853+	BPAT / PSEI	COB	BROADVIEW	4	2011-05-31 14:42 CS
7852+	BPAT / PSEI	COB	GARRISON	4	2011-05-31 14:42 CS
7851+	BPAT / PSEI	COB	TOWNSEND	4	2011-05-31 14:42 CS
7850+	BPAT / PSEI	COB	GARRISON	4	2011-05-31 14:42 CS
7849 -	BPAT / AVAT	COB	AVAT.NWMT	4	2011-05-31 14:42 CS
7849	BPAT	COB	JOHNDAY	1	2011-05-31 14:42 CS
7849	BPAT	JOHNDAY	BEVERLYPARK	2	2011-05-31 14:42 CS
7849	PSEI	SNOH.PUD	MIDC	3	2011-05-31 14:42 CS
7849	AVAT	MIDC	AVAT.NWMT	4	2011-05-31 14:42 CS
7848+	BPAT / AVAT	COB	PINESTREET	4	2011-05-31 14:42 CS
7847+	BPAT / AVAT	COB	LOLO	4	2011-05-31 14:42 CS
7846+	BPAT / AVAT	COB	AVA.SYS	4	2011-05-31 14:42 CS
7845+	BPAT / AVAT	JOHNDAY	AVA.BPAT	4	2011-05-31 14:42 CS
7844+	BPAT / AVAT	JOHNDAY	AVAT.NWMT	4	2011-05-31 14:42 CS

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Note: Table is sorted by Route ID#;
meaning 7,863 routes have been
defined!

Bulletin-Board: Capacity For Sale

Chelan PUD, Grant PUD, Seattle City Light, Snohomish PUD, and Tacoma Power are parties to the ColumbiaGrid OASIS Functional Agreement and this OASIS Portal. They may voluntarily post capacity they own (on their system or a third party system).

Click on “ATC from CG Members not operating an OASIS” button to view available postings.

Available Fields



ID
Seller
POR
POD
MW
Phone
Email
Price
Price Units
Product
Transmission Operator
Start Time
Stop Time
Modified By
Time Of Last Update