

ADS Update

Overview of ADS Replacement

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ADS Replacement

Goal:

- Review High Level Scope
 - 1. Technology Changes
 - 2. Functional Enhancements
 - 3. Modified Features
- Release Plan
 - 1. Parallel Operation
- Questions?



ADS Replacement – High level scope

Project Info	Details
	<u>Technology</u>
	Transition to web-based user interface to eliminate the need to install thick client.
Application Software	Transition ADS provisioning to the Access and Identity Management (AIM) application including resource level access control via self provisioning.
Changes	<u>Functional</u>
	 Display 15 minute schedules, 5 & 15-minute Flex Ramp awards (FRU/FRD) in ADS GUI and will be available via B2B. Details are specified in External BRS.
	Various other functional enhancements (mostly related to user interface)



ADS Replacement — Technology Changes

Items	Descriptions
CAISO CUI	Port the ADS client from Delphi thick Client to CUI (Common User Interface) while retaining existing functionality, and ensure ADS meets current technology standard
RACL Decommissioning	Decommission the ADS RACL tool functionality and adopt the ACL functionalities from AIM/CSDS
Query Tool	The query tool will continue to exist in ADS but will be limited to 30 days worth of data. Beyond 30 days query data will not be available.



ADS Replacement – Functional Enhancements

HPQC	Description
51690	Initiate unannounced A/S tests in the market.
41607	RTCD Include NSPIN
41884	 Changes to instruction display to include the following: When an ED is ended, the ED should appear in the ADS 'Instructions' tab with clear indication that it has ended. When an ED has changed, the display must show the previous ED with a clear label and what the ED has been changed to with a clear label. Eliminate duplicate entries in the 'Instructions' tab.
41622	 Changes to Instruction display to include two new columns: Previous Supp: similar to RT Prev DOT, will show last binding Supp. RT Sup Delta: similar to RT DOT Delta, will show difference between RT Supp. Energy and Previous Supp.
49331	 UI display (Flex Ramp Award): Display RTD binding FRU and FRD ramping awards (separately) Display FMM binding Energy schedules and bid type Display FMM binding FRU and FRD ramping awards (separately)
	Allow MP to access the data through API RTD binding FRU and FRD ramping awards (separately) FMM binding energy schedules and bid type, FRU and FRD ramping awards (separately)
	Add an Alarm in FMM for energy dispatch



ADS Replacement – Functional Enhancements

HPQC	Description
49329	Add column "Previous Accept DOT" to account any manual intervention from interchange scheduler.
49330	ADS Report and Pop Up Enhancement
	 ADS Message visibility: the table in ADS where these messages are stored, UI to allow Operator to access
	ADS message pop ups resizing large on the screen
18435	ADS: Allow Participants to Query for Operator Messages
44350	ADS display to support multiple time zone

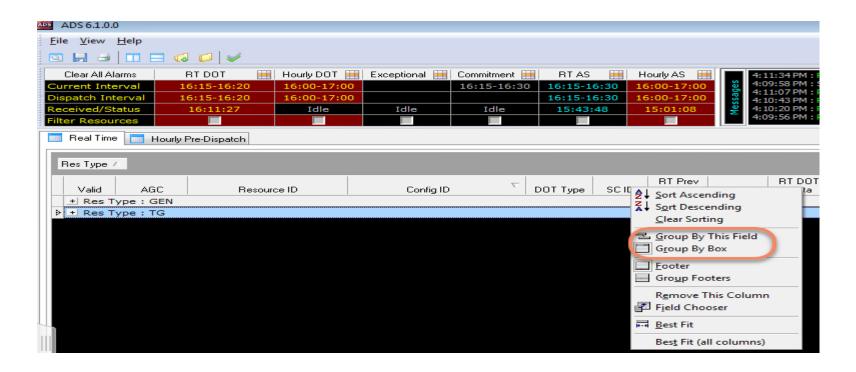


- Current: 'Expand All Groups' & 'Collapse All Groups' from View Menu as shown below.
- Alternative: User can use sorting capability using multiple column.



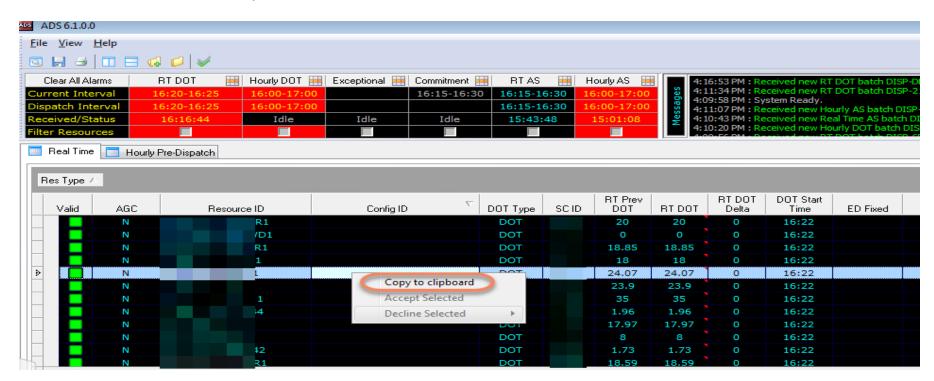


- Current: 'Group By This Field' & 'Group By Box' from Field Chooser as shown below.
- Alternative: User can use sorting capability using multiple column.





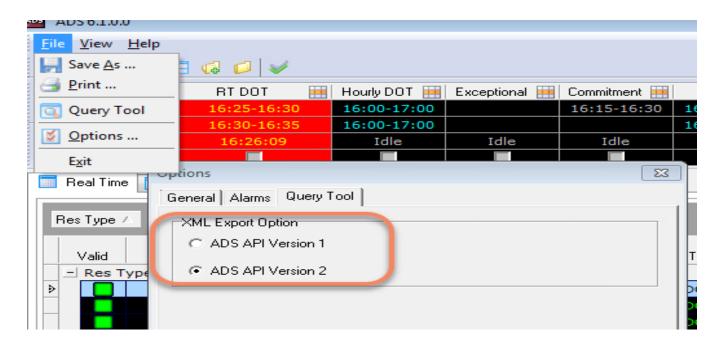
- <u>Current:</u> 'Copy to Clipboard' function as shown below.
- Alternative: User can export the data into Microsoft Excel.





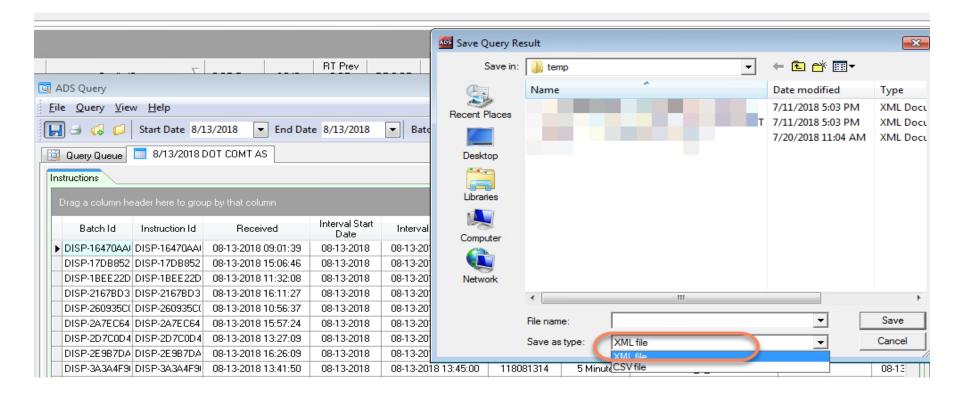
Capability:

XML Export Options to export report from Query tool.





- Current: Export to XML file
- Alternative: User can export the data into Microsoft Excel.



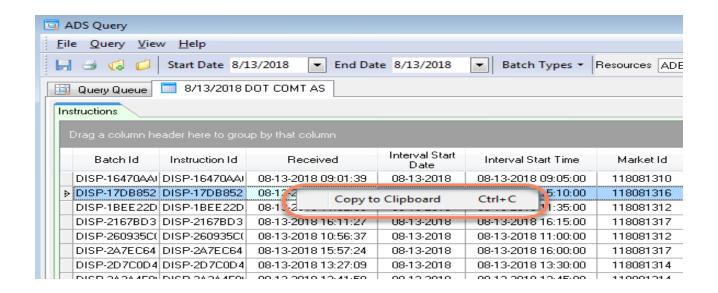


- <u>Current</u>: 'Copy to Clipboard' function as shown below from Instruction display
- Alternative: User can export the data into Microsoft Excel.

Valid	Instruction Type	Instr MW	Award MW	Self Sched MW	Start _▽ Time	End Time	ED Energy Code	Prev Goto	Min Accept	Accept DOT
	DOT	15.66			16:27			15.67		15.66
	DOT	15.67			16:22			15.68		15.67
	DOT	15.68						15.72		15.68
	DOT	15.72		Copy to cl	ipboard			15.78		15.72
	DOT	15.78			16,07			15.86		15.78
	DOT	15.86			16:02			16.07		15.86
	DOT	16.07			15:57			16.11		16.07
	DOT	16.11			15:52			16.13		16.11
	DOT	16.13			15:47			16.04		16.13
	DOT	16.04			15:42			15.9		16.04
	DOT	15.9			15:32			15.94		15.9

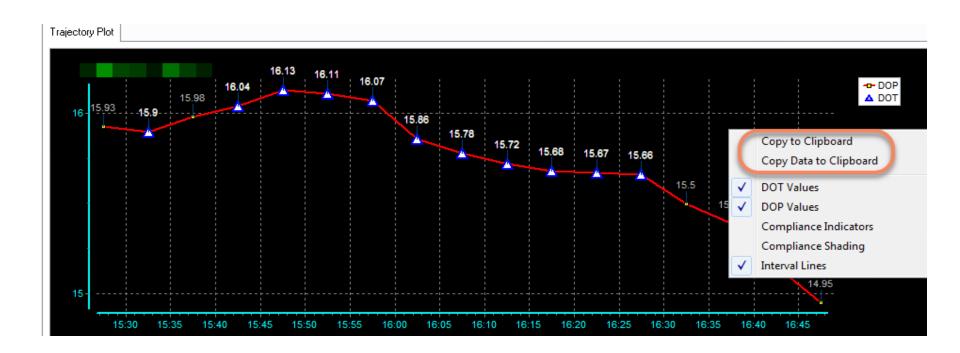


- <u>Current:</u> 'Copy to Clipboard' function as shown below
- Alternative: User can export the data into Microsoft Excel.





- <u>Current:</u> 'Copy to Clipboard' function as shown below from Trajectory Plot
- Alternative: User can export the data into Microsoft Excel.





ADS Replacement

Release planning:

- Follow the RUG for release schedule information.
- Planning to support 'Parallel Operation' (~60 days)

Questions & Feedback.

