Scoping Document for NITS -03-15-2018

Following are key elements to be investigated for potential updates to the NAESB NITS Business Practices and Technical Requirements.

* General errata
  + Existing specifications have errors, conflicting or incorrect data element names and references that all need to be addressed.
  + Query templates all have END\_TIME instead of STOP\_TIME.
  + Query NITS Scheduling Rights has GEN\_NAME and LOAD\_NAME in query parameters that should be removed.
* Rollover Rights
  + Is there a need for rollover information posted on OASIS for NITS Applications in line with the information posted for PTP, i.e., renewal deadline, etc.?
  + NITS BP updates required to reflect that DNRs themselves have rollover rights?
    - What is the characteristics of a DNR having rollover?
    - Is it any DNR that is approved in an application that has rollover?
    - Is it only DNRs designated for 5 years or longer?
    - Formalize BPs defining how a customer exercises its DNR rollover rights?
  + If DNRs are granted rollover rights, what information if any needs to be posted for those DNRs and how would it be expressed? It should not be an attribute of the DNR request itself, but an attribute of the DNR as represented in the application and DNR List template.
* Scheduling Rights
  + Should the BPs be amended to require use/posting of scheduling rights – whether requested by the customer or generated by the TP?
  + Should there be a capability for the customer to request and be granted scheduling rights outside of request for a DNR?
    - OATI allows submission of a 0 MW DNR capacity profile that includes SRs. Should that be replaced by this separate SR request mechanism?
      * This was added to allow customer or TP on their behalf represent the TP-allocated transmission capacity in rated path and segment modelling in the west.
  + Include ability for the customer to voluntarily release SRs with a termination request.
    - This was implemented for the cases where the TP has no a priori way to know what scheduling rights should be released.
  + Include capability for the customer to include scheduling rights in DNR requests where the POR/Source and/or POD/Sink do not match the DNR or any defined NITS load service points?
    - This was added due to requirements of rated path and segment modelling in the west.
* Generation
  + Extend the generation related ratings and capacity values to have fractional MW values.
    - How far should fractional MW support go within the NITS Model? Included for load forecasts?
  + More robust handling of groups? Multiple groups supported? Given generator in more than one group?
* Load
  + Is there a need for a mechanism for the TP to ‘counteroffer’ the amount of load that can be taken under the service agreement?
  + If TP cannot serve all requested load, is there a need to be able to document/post a limitation to the total load served as firm NITS under the application, i.e., a posted load MW limit over time? Forecast is not visible, should any limitation, if posted, be visible to all?
  + Block ability to modify POD/Sink of a defined load?
* Resource
  + Extend the Resource attributes that may be modified. Title Area has been one problem area.
  + Require a binding of Generation to Resource as a static attribute rather than an on-the-fly association of the generation to Resource via the DNR?
* Application
  + The current standards require all components submitted with the initial application up to COMPLETED to be either rejected or approved before the entire application can be confirmed. Should this be relaxed such that the TP can leave some portions of the application in a STUDY condition while proceeding to approve/confirm an interim service agreement while those other components are studied, construction planned/completed, etc.?
* Secondary Service
  + Allow secondary service to POD/Sinks other than a defined load?
* DNR List template
  + Remove GEN\_LOCATION, GEN\_NAME and GEN\_MAXCAPACITY; GEN\_MAXCAPACITY that causes lots of headaches with profiled.
    - Eliminate things that can be profiled except the DNR Capacity.
* Relax ability to add/edit comment fields on confirmed requests – in general.