

II.4-RES-SNGL-A-ENTERISC SINGLE RESERVOIR REGULATION OPERATION  
UTILITY ENTRY INTO INDUCED SURCHARGE SCHEME

Description

Utility ENTERISC is used to determine whether or not proper conditions exist for the Induced Surcharge Scheme to be needed.

Utility ENTERISC uses the parameters input for Scheme INDSRCHGE in deciding if INDSRCHGE is needed. The action taken for determining INDSRCHGE need (i.e. setting the RCL logical variable SURCHARGE to 'true') are:

1. If the INDSRCHGE Scheme was in use at the end of the previous period then SURCHARGE stays 'true'.
2. If pool elevation exceeds level above which induced surcharge is always needed then SURCHARGE is set to 'true'.
3. If pool elevation is below level where induced surcharge is not needed then SURCHARGE is set to 'false'.
4. If the pool elevation is steady or rising and is between the above referenced lower and upper bounds then SURCHARGE is set to 'true' if the inflow at that elevation exceeds that indicated by an elevation versus inflow curve. This curve is derived from the full set of induced surcharge curves input for INDSRCHGE.
5. Otherwise SURCHARGE is set to 'false'.

Parameters

No additional parameters are needed to define this Utility but an induced surcharge Scheme must be defined as this Utility uses certain parameters input for that Scheme's definition.

Time Series

No time series are needed.

Carryover

No carryover is needed.