Initial Run, Description of process, and other tables.

For the initial run you will need to make sure the table NYEC\_ETL\_STATE\_REVIEW is empty by deleting all records from it. Variables used and how you need to set them for initial run are

* **STATE\_REVIEW\_CAPTURE\_DATE**
* **STATE\_REVIEW\_LAST\_STEP\_HIST\_ID**
* **STATE\_REVIEW\_LOOK\_BACK\_DAYS**
* You will need to set the **STATE\_REVIEW\_CAPTURE\_DATE** to the earliest date you want records like (**SYSDATE – 30)** – minus 30 days.
* You will need to set **STATE\_REVIEW\_LAST\_STEP\_HIST\_ID** to 0.
* You will need to set **STATE\_REVIEW\_LOOK\_BACK\_DAYS to 30.**

State Review Run steps in process

1. Copy the NYEC\_STATE\_REVIEW table to STATE\_REVIEW\_STG and STATE\_REVIEW\_STG\_TMP after truncating the STATE\_REVIEW\_STG and STATE\_REVIEW\_STG\_TMP tables.
2. Get the new in process and competed tasks for past 30 days and add them to the STATE\_REVIEW\_STG and STATE\_REVIEW\_STG\_TMP tables from the STEP\_INSTANCE\_STG table.
3. Get the OLTP data and write the STATE\_REVIEW\_CAPTURE\_DATE variable based on this query.
4. Read the STATE\_REVIEW\_CAPTURE\_DATE and use it in the search to find the needed MAXDAT date and update the STATE\_REVIEW\_STG table. This is broken down into 5 transformations.
5. Run the updates to update the table STATE\_REVIEW\_STG\_TMP based on the data in this table with date in STATE\_REVIEW\_STG. Then it will be saved to STATE\_REVIEW\_STG\_TMP.
6. Transformations only read and write to the table STATE\_REVIEW\_STG\_TMP.
7. Copy the STATE\_REVIEW\_STG\_TMP table to the NYEC\_ETL\_STATE\_REVIEW\_TABLE

This means that for each run it will take any existing data in NYEC\_ETL\_STATE\_REVIEW and put it in to tables used by this process. It will add any additional application/task from STEP\_INSTANCE\_STG and then add it to the stating tables used. In turn it will query for updated information to OLTP and STEP\_INSTANCE\_STG putting it in one of the staging tables. Update that based on rules to the temp table that will be copied to the bmp table after transformations are done to fill other fields.

Stage and Lookup Tables that need to be setup first because used by this process are listed below.

* Step\_instance\_stg
* Letters\_stg
* Corp\_etl\_list\_lkup
* Staff\_Lkup
* MI\_LETTERS\_STG
* LETTERS\_STG