**HOURLY REPORT DOCUMENTATION**

**OVERVIEW**

1. get previous date

2. make the shift\_ev : prev\_date+" 15:00:00" and current\_date : sts+" 07:30:00"

3. make the shift\_mor : sts+" 03:00:00" and current date : sts+" 18:00:00"

4. Check the current time with the shift matches , if not matches delete it (means its time is over)

5. Case 1 : evening =>format #4 and #7

6. Case 2 : morning =>format #5 and #8

7. Read globally everytime, Expectedtime #1, (Xplant #2X), Transporter #6

8. Read Sent file, check exist or not

-if exist update which is not blank and came in report

-if not exist create and make entry

9. Read last time processed, report should be processed on last time upto current time

10. Get the final string to update in one or both file

11. Sent mail every one hour

Note: Files will be created- 3

-last\_time\_processed

-eve

-mor

-There will be two extra tabs

**Second Tab**

**Vehicle, Route, Customer (All If completed in comma separated)**

**Third Tab**

**Vehicle, Route, Customer Completed (comma separated), Customer Incompleted (comma separated)**

**HOW TO STORE LAST HALT TIME AND PRCOESSED TIME**

-STORE VEHICLE DETAIL

-STORE LAST TIME PROCESSED

-STORE LAST HALT TIME IN PARTICULAR CUSTOMER

**CASES**

**DETAIL SHOULD BE FILLED IF -NO VEHICLE ARRIVED AT ANY CUSTOMER**

Report will be blank except header

Vehicle SNo Station No Type RouteNo ReportShift Arrival Date Arrival Time Departure Date Departure Time ScheduleTime Delay (Mins) Halt Duration (Hr:min:sec) ReportDate1 ReportTime1 ReportDate2 ReportTime2 Transporter(M) Transporter(I) Plant Km

1. **DETAIL SHOULD BE FILLED IF VEHICLE ONLY ARRIVED BUT NOT DEPARTED (unfilled in red)**

**Vehicle SNo** **Station No** **Type** **RouteNo** **ReportShift** **Arrival Date** **Arrival Time** Departure Date Departure Time **ScheduleTime** **Delay (Mins)** **Halt Duration (Hr:min:sec)** **ReportDate1** **ReportTime1** **ReportDate2** **ReportTime2** **Transporter(M)** **Transporter(I)** **Plant** **Km**

1. **DETAIL SHOULD BE FILLED IF VEHICLE ARRIVED AND DEPARTED BOTH(updated in purple)**

**Vehicle SNo Station No Type RouteNo ReportShift Arrival Date Arrival Time Departure Date Departure Time ScheduleTime Delay (Mins) Halt Duration (Hr:min:sec) ReportDate1 ReportTime1 ReportDate2 ReportTime2 Transporter(M) Transporter(I) Plant Km**

**TEMPORARY FILE TO BE CREATED**

1. **LAST PRCOSSED RECORD**

**-last\_processed\_time**

**-last\_halt\_time**

**Condition – if**

**If last halt time < 1 min and IN customer -store last halt time**

**last halt time >=1 min and IN customer -fill the arrived time**

**last halt time >=1 min and OUT customer –fill the departure time**

**FIELDS OF LAST PROCESSED RECORD (update and read)**

**Vehicle\_name, customer\_no, last\_halt\_time, last\_time\_processed**