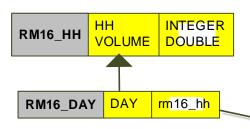# DATABASE PROGRAMMING SCHEMA DIAGRAM

NEM_RM16 table is the table that will be used to deliver the AEMO data to you. You have select privileges only to this table. There is a public synonym created to make access to the table transparent

DBP_HOLIDAY

PK	DATE	DATETIME

NEM_RM16

COMPANY_CODE	VARCHAR(25)
SETTLEMENT_CASE_ID	INTEGER
SETTLEMENT_RUN_ID	INTEGER
STATEMENT_TYPE	VARCHAR(25)
TNI	VARCHAR(25)
METERTYPE	VARCHAR(25)
FRMP	VARCHAR(25)
LR	VARCHAR(25)
MDP	VARCHAR(25)
CHANGE_DATE	DATETIME
DAY	DATETIME
VALUE	RM16_DAY
TRANSACTION_ID	VARCHAR(25)

DBP_MESSAGE_LOG

PK	MSG_LOG_ID	INTEGER
	STUDENT_ID	VARCHAR(50)
	MSG_DATE	DATETIME
	MSG_ID	VARCHAR(35)
	MESSAGE	VARCHAR(2000)

RM16_HH

	HH	INTEGER
RM16_HH	VOLUME	DOUBLE

RM16_DAY

RM16_DAY	DAY	rm16_hh

V_NEM_RM16

COMPANY_CODE	TEXT(25)
SETTLEMENT_CASE_ID	LONG
SETTLEMENT_RUN_ID	LONG
STATEMENT_TYPE	TEXT(25)
TNI	TEXT(25)
METERTYPE	TEXT(25)
FRMP	TEXT(25)
LR	TEXT(25)
MDP	TEXT(25)
CHANGE_DATE	DATETIME
DAY	DATETIME
HH	LONG
VALUE	SINGLE
TRANSACTION_ID	TEXT(25)

The Object V-NEM_RM16 is a VIEW
The purpose of the View is to Unwrap the Objects in the NEM_PRM16 table
The data is the same in the two Objects and you can use either as the source of data for your forecasting

LOCAL_RM16

COMPANY_CODE	VARCHAR(25)
SETTLEMENT_CASE_ID	INTEGER
SETTLEMENT_RUN_ID	INTEGER
STATEMENT_TYPE	VARCHAR(25)
TNI	VARCHAR(25)
METERTYPE	VARCHAR(25)
FRMP	VARCHAR(25)
LR	VARCHAR(25)
MDP	VARCHAR(25)
CHANGE_DATE	DATETIME
DAY	DATETIME
VALUE	RM16_DAY
TRANSACTION_ID	VARCHAR(25)

DBP_PARAMETER

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CATEGORY	VARCHAR2(35)
CODE	VARCHAR2(35)
VALUE	VARCHAR2(35)
ACTIVE	VARCHAR2(1) 'Y'
MODIFIED	DATE (sysdate)

RUN_TABLE

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RUN_ID	NUMBER
RUN_START	DATE
RUN_END	DATE
OUTCOME	VARCHAR2(15)
REMARKS	VARCHAR2(255)

LOCAL_RM16 table is the table that you will create to store your data.

C:\Laurie\uni\Database Programming\2020\Assignment\AEMO Table Diagram.vsd