

```
1  ----- ENTRADA DE DADES ----- CPM
2
3  set serveroutput on;
4  -- NETEGEM EL CONTINGUT DE LES TAULES I SEQÜÈNCIES
5  DROP SEQUENCE seq_logs;
6  DROP SEQUENCE seq_localitat;
7  DROP SEQUENCE seq_adreca;
8  DROP SEQUENCE seq_central;
9  DROP SEQUENCE seq_linies;
10 DROP SEQUENCE seq_comptador;
11 CREATE SEQUENCE seq_logs INCREMENT BY 1 START WITH 1;
12 CREATE SEQUENCE seq_localitat INCREMENT BY 1 START WITH 1;
13 CREATE SEQUENCE seq_adreca INCREMENT BY 1 START WITH 1;
14 CREATE SEQUENCE seq_central INCREMENT BY 1 START WITH 1;
15 CREATE SEQUENCE seq_linies INCREMENT BY 1 START WITH 1;
16 CREATE SEQUENCE seq_comptador INCREMENT BY 1 START WITH 1;
17
18 delete from e1;
19 delete from e2;
20 delete from e3;
21 delete from e4;
22 delete from logs;
23 delete from consum;
24 delete from produccio;
25 delete from connecta;
26 delete from alimenta;
27 delete from liniesComunicacio;
28 delete from comptador;
29 delete from solar;
30 delete from eolica;
31 delete from hidroelectrica;
32 delete from termica;
33 delete from nuclear;
34 delete from centralProduccio;
35 delete from centraletaDistribucio;
36 delete from client;
37 delete from Adreca;
38 delete from Localitat;
39 delete from Pais;
40
41 -- ##### \
42 -- #####
43 -- #####          INSERCIÓ DE PAÏSOS (4) \
```

```

#####
43  -- ##### \
#####
44  DECLARE
45      RSP    VARCHAR2(100);
46  BEGIN
47      RSP:= 'OK';
48      p_pais_insert('ES','Espanya',RSP);
49      p_pais_insert('IT','Itàlia',RSP);
50      p_pais_insert('DE','Alemanya',RSP);
51      p_pais_insert('FR','França',RSP);
52
53  END;
54  /
55
56  -- ##### \
#####
57  -- #####          INSERCIÓ DE LOCALITATS (8) \
#####
58  -- ##### \
#####
59  -- Taula Localitat -----
60  DECLARE
61      RSP    VARCHAR2(100);
62  BEGIN
63      RSP:= 'OK';
64      -- Espanya del 1 al 2
65      p_localitat_insert('ES','Barcelona',RSP);
66      p_localitat_insert('ES','Tarragona',RSP);
67      -- Itàlia del 3 al 4
68      p_localitat_insert('IT','Roma',RSP);
69      p_localitat_insert('IT','Milà',RSP);
70      -- Alemanya del 5 al 6
71      p_localitat_insert('DE','Berlin',RSP);
72      p_localitat_insert('DE','Munic',RSP);
73      -- Portugal del 7 al 8
74      p_localitat_insert('FR','Paris',RSP);
75      p_localitat_insert('FR','Lyo',RSP);
76  END;
77  /
78  -- ##### \
#####
79  -- #####          INSERCIÓ D'ADRECES (26) \

```

```

#####
80  -- ##### \
#####
81  DECLARE
82      RSP    VARCHAR2(100);
83  BEGIN
84      RSP:= 'OK';
85      -- Barcelona del 1 al 4
86      p_adreca_insert('ES',1,'08001','Rambla Catalunya',1,'',1,1,RSP);
87      p_adreca_insert('ES',1,'08002','Diagonal',105,'A',2,3,RSP);
88      p_adreca_insert('ES',1,'08003','Rosselló',305,'',3,2,RSP);
89      p_adreca_insert('ES',1,'08004','Industria',103,'',4,1,RSP);
90      -- Tarragona del 5 al 8
91      p_adreca_insert('ES',2,'43001','Rambla nova',1,'',1,1,RSP);
92      p_adreca_insert('ES',2,'43002','Santa Tecla',15,'A',2,3,RSP);
93      p_adreca_insert('ES',2,'43003','Reus',305,'',3,2,RSP);
94      p_adreca_insert('ES',2,'43004','Principal',103,'',3,2,RSP);
95      -- Roma del 9 al 12
96      p_adreca_insert('IT',3,'00199','Citta del Vaticano',1,'',1,1,RSP);
97      p_adreca_insert('IT',3,'00199','Coliseum',1,'',1,1,RSP);
98      p_adreca_insert('IT',3,'00199','Sant Angelo',35,'',3,2,RSP);
99      p_adreca_insert('IT',3,'00199','Domus',103,'',3,2,RSP);
100     -- Milà del 13 al 16
101     p_adreca_insert('IT',4,'00200','Lignano',1,'',1,1,RSP);
102     p_adreca_insert('IT',4,'00200','Rho',1,'',1,1,RSP);
103     p_adreca_insert('IT',4,'00200','Ronazzo',35,'',3,2,RSP);
104     p_adreca_insert('IT',4,'00200','Lainate',103,'',3,2,RSP);
105     -- Berlin del 17 al 20
106     p_adreca_insert('DE',5,'00420','Brandenbourg',1,'',1,1,RSP);
107     p_adreca_insert('DE',5,'00420','Reichstag',1,'',1,1,RSP);
108     p_adreca_insert('DE',5,'00420','Siegessäule',35,'',3,2,RSP);
109     p_adreca_insert('DE',5,'00420','Potsdamer Platz',103,'',3,2,RSP);
110     -- Munic del 21 al 22
111     p_adreca_insert('DE',6,'00410','Nationaltheater',1,'',1,1,RSP);
112     p_adreca_insert('DE',6,'00410','Volkstheater',1,'',1,1,RSP);
113     -- Paris del 23 al 24
114     p_adreca_insert('FR',7,'00330','Louvre',1,'',1,1,RSP);
115     p_adreca_insert('FR',7,'00330','Parcs Elysis',1,'',1,1,RSP);
116     -- Lyo del 25 al 26
117     p_adreca_insert('FR',8,'00330','Franciscans',1,'',1,1,RSP);
118     p_adreca_insert('FR',8,'00330','Catedral',1,'',1,1,RSP);
119  END;
120  /

```

```
121
122  -- ##### \
123  -- #####          INSERCIÓ DE CENTRALS DE PRODUCCIÓ (4) \
124  -- ##### \
125  DECLARE
126      RSP    VARCHAR2(100);
127  BEGIN
128      RSP:= 'OK';
129      -- Espanya (ES-1-1)
130      p_solar_insert('ES',1,1,4000.00,300,RSP);
131      -- Itàlia (IT-3-9)
132      p_eolica_insert('IT',3,9,3500.00,100,RSP);
133      -- Alemanya (DE-5-17)
134      p_hidroelectrica_insert('DE',5,17,3200.00,4,RSP);
135      -- França (FR-7-23)
136      p_nuclear_insert('FR',7,23,5500.00,100.00,10.00,RSP);
137  END;
138  /
139
140  -- ##### \
141  -- #####          INSERCIÓ DE CENTRALETES DISTRIBUCIÓ (8) \
142  -- ##### \
143  DECLARE
144      RSP    VARCHAR2(100);
145  BEGIN
146      RSP := 'OK';
147      -- (ES-1-2)
148      p_centraleta_insert(1,'ES',1,2,500.00,RSP);
149      -- (ES-2-5)
150      p_centraleta_insert(1,'ES',2,5,500.00,RSP);
151      -- (IT-3-10)
152      p_centraleta_insert(1,'IT',3,10,500.00,RSP);
153      -- (IT-4-13)
154      p_centraleta_insert(1,'IT',4,13,500.00,RSP);
155      -- (DE-5-18)
156      p_centraleta_insert(1,'DE',5,18,500.00,RSP);
157      -- (DE-5-18)
```

```
158     p_centraleta_insert(2,'DE',5,18,500.00,RSP);
159     -- (FR-7-24)
160     p_centraleta_insert(1,'FR',7,24,500.00,RSP);
161     -- (FR-7-24)
162     p_centraleta_insert(2,'FR',7,24,500.00,RSP);
163 END;
164 /
165
166
167 -- ##### \
168 -- #####          INSERCIÓ DE CLIENTS (8)          \
169 -- ##### \
170 DECLARE
171     RSP VARCHAR2(100);
172 BEGIN
173     RSP:='OK';
174     -- ES-1-3
175     p_client_insert('ES-1','Pasqual Maragall','ES',1,3,RSP);
176     -- ES-2-6
177     p_client_insert('ES-2','Jordi Pujol','ES',2,6,RSP);
178     -- IT-3-11
179     p_client_insert('IT-1','Silvio Berlusconi','IT',3,11,RSP);
180     -- IT-4-14
181     p_client_insert('IT-2','Romano Prodi','IT',4,14,RSP);
182     -- DE-5-19
183     p_client_insert('DE-1','Helmut Kohl','DE',5,19,RSP);
184     -- DE-6-21
185     p_client_insert('DE-2','Angela Merkel','DE',6,21,RSP);
186     -- DE-8-25
187     p_client_insert('FR-1','François Hollande','FR',8,25,RSP);
188     -- DE-8-26
189     p_client_insert('FR-2','Nicolas Sarkozy','FR',8,26,RSP);
190
191 END;
192 /
193
194 -- ##### \
195 -- #####          INSERCIÓ DE COMPTADORS (16)          \
196 -- #####
```

```
196  -- ##### \
197  #####
198  DECLARE
199      RSP VARCHAR2(100);
200  BEGIN
201      RSP:='OK';
202      -- ES-1-3
203      p_comptador_insert(100.0,'MODEL 1','CR1',to_timestamp('01/07/2000 1 \
204      1:00:00'),'ES',1,3,'ES-1',RSP);
205      -- ES-1-4
206      p_comptador_insert(150.0,'MODEL 2','CR2',to_timestamp('01/07/2001 1 \
207      1:00:00'),'ES',1,4,'ES-1',RSP);
208      -- ES-2-6
209      p_comptador_insert(150.0,'MODEL 3','CR3',to_timestamp('01/07/2000 1 \
210      1:00:00'),'ES',2,6,'ES-2',RSP);
211      -- ES-2-7
212      p_comptador_insert(75.0,'MODEL 4','CR4',to_timestamp('01/07/2001 11 \
213      :00:00'),'ES',2,7,'ES-2',RSP);
214      -- ES-2-8
215      p_comptador_insert(125.0,'MODEL 1','CR1',to_timestamp('01/07/2000 1 \
216      1:00:00'),'ES',2,8,'DE-1',RSP);
217      -- IT-3-11
218      p_comptador_insert(100.0,'MODEL 2','CR2',to_timestamp('01/08/2001 1 \
219      1:00:00'),'IT',3,11,'IT-1',RSP);
220      -- IT-3-12
221      p_comptador_insert(100.0,'MODEL 3','CR3',to_timestamp('01/08/2000 1 \
222      1:00:00'),'IT',3,12,'IT-2',RSP);
223      -- IT-4-14
224      p_comptador_insert(100.0,'MODEL 4','CR4',to_timestamp('01/08/2001 1 \
225      1:00:00'),'IT',4,14,'IT-2',RSP);
226      -- IT-4-15
227      p_comptador_insert(200.0,'MODEL 1','CR1',to_timestamp('01/08/2000 1 \
228      1:00:00'),'IT',4,15,'DE-2',RSP);
229      -- IT-4-16
230      p_comptador_insert(75.0,'MODEL 2','CR2',to_timestamp('01/08/2001 11 \
231      :00:00'),'IT',4,16,'FR-1',RSP);
232      -- DE-5-19
233      p_comptador_insert(100.0,'MODEL 3','CR3',to_timestamp('01/08/2000 1 \
234      1:00:00'),'DE',5,19,'DE-1',RSP);
235      -- DE-5-20
236      p_comptador_insert(100.0,'MODEL 4','CR4',to_timestamp('01/08/2001 1 \
237      1:00:00'),'DE',5,20,'DE-1',RSP);
238      -- DE-6-21
```

```
226     p_comptador_insert(100.0, 'MODEL 1', 'CR1', to_timestamp('01/08/2000 1 \
1:00:00'), 'DE', 6, 21, 'DE-2', RSP);
227     -- DE-6-22
228     p_comptador_insert(100.0, 'MODEL 2', 'CR2', to_timestamp('01/08/2001 1 \
1:00:00'), 'DE', 6, 22, 'DE-1', RSP);
229     -- FR-8-25
230     p_comptador_insert(150.0, 'MODEL 3', 'CR3', to_timestamp('01/08/2000 1 \
1:00:00'), 'FR', 8, 25, 'FR-1', RSP);
231     -- DE-8-26
232     p_comptador_insert(150.0, 'MODEL 4', 'CR4', to_timestamp('01/08/2001 1 \
1:00:00'), 'FR', 8, 26, 'FR-2', RSP);
233
234     END;
235     /
236
237     -- ##### \
#####
238     -- #####      INSERCIÓ DE LINIES COMUNICACIÓ (12)      \
#####
239     -- ##### \
#####
240     DECLARE
241         RSP VARCHAR2(100);
242     BEGIN
243         RSP:='OK';
244         p_LiniaComunicacio_insert(2000.0, RSP);
245         p_LiniaComunicacio_insert(2000.0, RSP);
246         p_LiniaComunicacio_insert(2000.0, RSP);
247         p_LiniaComunicacio_insert(2000.0, RSP);
248         p_LiniaComunicacio_insert(500.0, RSP);
249         p_LiniaComunicacio_insert(500.0, RSP);
250         p_LiniaComunicacio_insert(500.0, RSP);
251         p_LiniaComunicacio_insert(500.0, RSP);
252         p_LiniaComunicacio_insert(500.0, RSP);
253         p_LiniaComunicacio_insert(500.0, RSP);
254         p_LiniaComunicacio_insert(500.0, RSP);
255         p_LiniaComunicacio_insert(500.0, RSP);
256
257     END;
258     /
259
260     -- ##### \
#####
```

```

261  -- #####          INSERCIÓ DE CONNEXIONS CP-CD (12)          \
      #####
262  -- #####          \
      #####
263  -- Taula produccio -----
264  DECLARE
265      RSP VARCHAR2(100);
266  BEGIN
267      RSP:= 'OK';
268      -- CENTRAL 1 -> centraletes 1, 2 amb linia 1
269      p_alimenta_insert(1,'ES',1,2,1,1,RSP);
270      p_alimenta_insert(1,'ES',2,5,1,1,RSP);
271      -- CENTRAL 2 -> centraletes 2, 3, 4 amb linia 2
272      p_alimenta_insert(1,'ES',2,5,2,2,RSP);
273      p_alimenta_insert(1,'IT',3,10,2,2,RSP);
274      p_alimenta_insert(1,'IT',4,13,2,2,RSP);
275
276      -- CENTRAL 3 -> centraletes 4, 5, 6 amb linia 3
277      p_alimenta_insert(1,'IT',4,13,3,3,RSP);
278      p_alimenta_insert(1,'DE',5,18,3,3,RSP);
279      p_alimenta_insert(2,'DE',5,18,3,3,RSP);
280
281      -- CENTRAL 4 -> centraletes 6, 7, 8, 1 amb linia 4
282      p_alimenta_insert(2,'DE',5,18,4,4,RSP);
283      p_alimenta_insert(1,'FR',7,24,4,4,RSP);
284      p_alimenta_insert(2,'FR',7,24,4,4,RSP);
285      p_alimenta_insert(1,'ES',1,2,4,4,RSP);
286
287  END;
288  /
289
290
291
292  -- #####          \
      #####
293  -- #####          INSERCIÓ DE CONNEXIONS CD-C (28)          \
      #####
294  -- #####          \
      #####
295  DECLARE
296      RSP VARCHAR2(100);
297  BEGIN
298      RSP:= 'OK';

```



```
299
300 -- Comptadors 1, 2 i 3, 4. CD - 1. LC 5
301     p_Connecta_insert(1,1,'ES',1,2,5,RSP);
302     p_Connecta_insert(2,1,'ES',1,2,5,RSP);
303     p_Connecta_insert(3,1,'ES',1,2,5,RSP);
304     p_Connecta_insert(4,1,'ES',1,2,5,RSP);
305
306 -- Comptadors 3, 4, 5 i 6. CD - 2. LC 6
307     p_Connecta_insert(3,1,'ES',2,5,6,RSP);
308     p_Connecta_insert(4,1,'ES',2,5,6,RSP);
309     p_Connecta_insert(5,1,'ES',2,5,6,RSP);
310     p_Connecta_insert(6,1,'ES',2,5,6,RSP);
311
312 -- Comptadors 5, 6, 7, 8. CD - 3. LC 7
313     p_Connecta_insert(5,1,'IT',3,10,7,RSP);
314     p_Connecta_insert(6,1,'IT',3,10,7,RSP);
315     p_Connecta_insert(7,1,'IT',3,10,7,RSP);
316     p_Connecta_insert(8,1,'IT',3,10,7,RSP);
317
318 -- Comptadors 8 i 9. CD - 4. LC 8
319     p_Connecta_insert(8,1,'IT',4,13,8,RSP);
320     p_Connecta_insert(9,1,'IT',4,13,8,RSP);
321
322 -- Comptadors 9, 10, 11 i 12. CD - 5. LC 9
323     p_Connecta_insert(9,1,'DE',5,18,9,RSP);
324     p_Connecta_insert(10,1,'DE',5,18,9,RSP);
325     p_Connecta_insert(11,1,'DE',5,18,9,RSP);
326     p_Connecta_insert(12,1,'DE',5,18,9,RSP);
327
328 -- Comptadors 11, 12, 13 i 14. CD - 6. LC 10
329     p_Connecta_insert(11,2,'DE',5,18,10,RSP);
330     p_Connecta_insert(12,2,'DE',5,18,10,RSP);
331     p_Connecta_insert(13,2,'DE',5,18,10,RSP);
332     p_Connecta_insert(14,2,'DE',5,18,10,RSP);
333
334
335 -- Comptadors 13, 14 i 15. CD - 7. LC 11
336     p_Connecta_insert(13,1,'FR',7,24,11,RSP);
337     p_Connecta_insert(14,1,'FR',7,24,11,RSP);
338     p_Connecta_insert(15,1,'FR',7,24,11,RSP);
339
340 -- Comptadors 15,16,1. CD - 7. LC 12
341     p_Connecta_insert(15,2,'FR',7,24,12,RSP);
```

```

342     p_Connecta_insert(16,2,'FR',7,24,12,RSP);
343     p_Connecta_insert(1,2,'FR',7,24,12,RSP);
344
345     END;
346 /
347
348
349 -- ##### \
#####
350 -- #####          INSERCIÓ DE PRODUCCIÓ DE LES CENTRALS          \
#####
351 -- ##### \
#####
352 DECLARE
353     RSP VARCHAR2(100);
354 BEGIN
355     RSP:='OK';
356     -- CENTRAL 1 - 2011 = 16700
357     p_produccio_insert(1,to_timestamp('1/1/2011 11:00:00'),1500.,RSP);
358     p_produccio_insert(1,to_timestamp('1/2/2011 11:00:00'),1200.,RSP);
359     p_produccio_insert(1,to_timestamp('1/3/2011 11:00:00'),1300.,RSP);
360     p_produccio_insert(1,to_timestamp('1/4/2011 11:00:00'),1200.,RSP);
361     p_produccio_insert(1,to_timestamp('1/5/2011 11:00:00'),1400.,RSP);
362     p_produccio_insert(1,to_timestamp('1/6/2011 11:00:00'),1300.,RSP);
363     p_produccio_insert(1,to_timestamp('1/7/2011 11:00:00'),1600.,RSP);
364     p_produccio_insert(1,to_timestamp('1/8/2011 11:00:00'),1700.,RSP);
365     p_produccio_insert(1,to_timestamp('1/9/2011 11:00:00'),1900.,RSP);
366     p_produccio_insert(1,to_timestamp('1/10/2011 11:00:00'),1100.,RSP);
367     p_produccio_insert(1,to_timestamp('1/11/2011 11:00:00'),1200.,RSP);
368     p_produccio_insert(1,to_timestamp('1/12/2011 11:00:00'),1300.,RSP);
369     -- CENTRAL 1 - 2012 = 6000
370     p_produccio_insert(1,to_timestamp('1/1/2012 11:00:00'),1000.,RSP);
371     p_produccio_insert(1,to_timestamp('1/2/2012 11:00:00'),1100.,RSP);
372     p_produccio_insert(1,to_timestamp('1/3/2012 11:00:00'),1200.,RSP);
373     p_produccio_insert(1,to_timestamp('1/4/2012 11:00:00'),1300.,RSP);
374     p_produccio_insert(1,to_timestamp('1/5/2012 11:00:00'),1400.,RSP);
375
376     -- CENTRAL 2 - 2011 = 9100
377     p_produccio_insert(2,to_timestamp('1/1/2011 11:00:00'),1100.,RSP);
378     p_produccio_insert(2,to_timestamp('1/2/2011 11:00:00'),1200.,RSP);
379     p_produccio_insert(2,to_timestamp('1/3/2011 11:00:00'),1100.,RSP);
380     p_produccio_insert(2,to_timestamp('1/4/2011 11:00:00'),200.,RSP);
381     p_produccio_insert(2,to_timestamp('1/5/2011 11:00:00'),400.,RSP);

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```
382     p_produccio_insert(2,to_timestamp('1/6/2011 11:00:00'),300.,RSP);
383
384     p_produccio_insert(2,to_timestamp('1/9/2011 11:00:00'),1500.,RSP);
385     p_produccio_insert(2,to_timestamp('1/10/2011 11:00:00'),1000.,RSP);
386     p_produccio_insert(2,to_timestamp('1/11/2011 11:00:00'),1000.,RSP);
387     p_produccio_insert(2,to_timestamp('1/12/2011 11:00:00'),1300.,RSP);
388     -- CENTRAL 2 - 2012 = 5500
389     p_produccio_insert(2,to_timestamp('1/1/2012 11:00:00'),1100.,RSP);
390     p_produccio_insert(2,to_timestamp('1/2/2012 11:00:00'),1100.,RSP);
391     p_produccio_insert(2,to_timestamp('1/3/2012 11:00:00'),1100.,RSP);
392     p_produccio_insert(2,to_timestamp('1/4/2012 11:00:00'),1100.,RSP);
393     p_produccio_insert(2,to_timestamp('1/5/2012 11:00:00'),1100.,RSP);
394
395     -- CENTRAL 3 - 2011 = 4600
396     p_produccio_insert(3,to_timestamp('1/1/2011 11:00:00'),800.,RSP);
397     p_produccio_insert(3,to_timestamp('1/2/2011 11:00:00'),900.,RSP);
398     p_produccio_insert(3,to_timestamp('1/3/2011 11:00:00'),100.,RSP);
399     p_produccio_insert(3,to_timestamp('1/4/2011 11:00:00'),200.,RSP);
400     p_produccio_insert(3,to_timestamp('1/5/2011 11:00:00'),400.,RSP);
401     p_produccio_insert(3,to_timestamp('1/6/2011 11:00:00'),300.,RSP);
402     p_produccio_insert(3,to_timestamp('1/7/2011 11:00:00'),400.,RSP);
403     p_produccio_insert(3,to_timestamp('1/8/2011 11:00:00'),500.,RSP);
404     p_produccio_insert(3,to_timestamp('1/9/2011 11:00:00'),500.,RSP);
405     p_produccio_insert(3,to_timestamp('1/10/2011 11:00:00'),100.,RSP);
406     p_produccio_insert(3,to_timestamp('1/11/2011 11:00:00'),100.,RSP);
407     p_produccio_insert(3,to_timestamp('1/12/2011 11:00:00'),300.,RSP);
408     -- CENTRAL 3 - 2012 = 2500
409     p_produccio_insert(3,to_timestamp('1/1/2012 11:00:00'),300.,RSP);
410     p_produccio_insert(3,to_timestamp('1/2/2012 11:00:00'),400.,RSP);
411     p_produccio_insert(3,to_timestamp('1/3/2012 11:00:00'),500.,RSP);
412     p_produccio_insert(3,to_timestamp('1/4/2012 11:00:00'),600.,RSP);
413     p_produccio_insert(3,to_timestamp('1/5/2012 11:00:00'),700.,RSP);
414
415     -- CENTRAL 4 - 2011 = 18000
416     p_produccio_insert(4,to_timestamp('1/1/2011 11:00:00'),1500.,RSP);
417     p_produccio_insert(4,to_timestamp('1/2/2011 11:00:00'),1500.,RSP);
418     p_produccio_insert(4,to_timestamp('1/3/2011 11:00:00'),1500.,RSP);
419     p_produccio_insert(4,to_timestamp('1/4/2011 11:00:00'),1500.,RSP);
420     p_produccio_insert(4,to_timestamp('1/5/2011 11:00:00'),1500.,RSP);
421     p_produccio_insert(4,to_timestamp('1/6/2011 11:00:00'),1500.,RSP);
422     p_produccio_insert(4,to_timestamp('1/7/2011 11:00:00'),1500.,RSP);
423     p_produccio_insert(4,to_timestamp('1/8/2011 11:00:00'),1500.,RSP);
424     p_produccio_insert(4,to_timestamp('1/9/2011 11:00:00'),1500.,RSP);
```

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425     p_produccio_insert(4,to_timestamp('1/10/2011 11:00:00'),1500.,RSP);
426     p_produccio_insert(4,to_timestamp('1/11/2011 11:00:00'),1500.,RSP);
427     p_produccio_insert(4,to_timestamp('1/12/2011 11:00:00'),1500.,RSP);
428     -- CENTRAL 4 - 2012 = 7500
429     p_produccio_insert(4,to_timestamp('1/1/2012 11:00:00'),1500.,RSP);
430     p_produccio_insert(4,to_timestamp('1/2/2012 11:00:00'),1500.,RSP);
431     p_produccio_insert(4,to_timestamp('1/3/2012 11:00:00'),1500.,RSP);
432     p_produccio_insert(4,to_timestamp('1/4/2012 11:00:00'),1500.,RSP);
433     p_produccio_insert(4,to_timestamp('1/5/2012 11:00:00'),1500.,RSP);
434
435     END;
436 /
437
438     -- ##### \
439     -- #####          INSERCIÓ DE CONSUMS DELS COMPTADORS          \
440     -- ##### \
441     DECLARE
442         RSP VARCHAR2(100);
443     BEGIN
444         RSP:='OK';
445         -- tot els consums són presencials, excepte l'últim que és telemàti \
446         c
447         -- COMPTADOR 1 - 2011 = 1090
448         p_consumP_insert(1,to_timestamp('25/01/2011 11:00:00'),95.,RSP);
449         p_consumP_insert(1,to_timestamp('25/02/2011 11:00:00'),100.,RSP);
450         p_consumP_insert(1,to_timestamp('25/03/2011 11:00:00'),90.,RSP);
451         p_consumP_insert(1,to_timestamp('25/04/2011 11:00:00'),85.,RSP);
452         p_consumP_insert(1,to_timestamp('25/05/2011 11:00:00'),90.,RSP);
453         p_consumP_insert(1,to_timestamp('25/06/2011 11:00:00'),95.,RSP);
454         p_consumP_insert(1,to_timestamp('25/07/2011 11:00:00'),100.,RSP);
455         p_consumP_insert(1,to_timestamp('25/08/2011 11:00:00'),95.,RSP);
456         p_consumP_insert(1,to_timestamp('25/09/2011 11:00:00'),90.,RSP);
457         p_consumP_insert(1,to_timestamp('25/10/2011 11:00:00'),85.,RSP);
458         p_consumP_insert(1,to_timestamp('25/11/2011 11:00:00'),80.,RSP);
459         p_consumP_insert(1,to_timestamp('25/12/2011 11:00:00'),85.,RSP);
460
461         -- COMPTADOR 1 - 2012 = 480
462         p_consumP_insert(1,to_timestamp('25/01/2012 11:00:00'),95.,RSP);
463         p_consumP_insert(1,to_timestamp('25/02/2012 11:00:00'),95.,RSP);

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464     p_consumP_insert(1,to_timestamp('25/03/2012 11:00:00'),95.,RSP);
465     p_consumP_insert(1,to_timestamp('25/04/2012 11:00:00'),95.,RSP);
466     p_consumT_insert(1,100.,RSP);
467
468     -- COMPTADOR 2 - 2011 = 1470
469     p_consumP_insert(2,to_timestamp('25/01/2011 11:00:00'),125.,RSP);
470     p_consumP_insert(2,to_timestamp('25/02/2011 11:00:00'),120.,RSP);
471     p_consumP_insert(2,to_timestamp('25/03/2011 11:00:00'),125.,RSP);
472     p_consumP_insert(2,to_timestamp('25/04/2011 11:00:00'),120.,RSP);
473     p_consumP_insert(2,to_timestamp('25/05/2011 11:00:00'),125.,RSP);
474     p_consumP_insert(2,to_timestamp('25/06/2011 11:00:00'),120.,RSP);
475     p_consumP_insert(2,to_timestamp('25/07/2011 11:00:00'),125.,RSP);
476     p_consumP_insert(2,to_timestamp('25/08/2011 11:00:00'),120.,RSP);
477     p_consumP_insert(2,to_timestamp('25/09/2011 11:00:00'),125.,RSP);
478     p_consumP_insert(2,to_timestamp('25/10/2011 11:00:00'),120.,RSP);
479     p_consumP_insert(2,to_timestamp('25/11/2011 11:00:00'),125.,RSP);
480     p_consumP_insert(2,to_timestamp('25/12/2011 11:00:00'),120.,RSP);
481
482     -- COMPTADOR 2 - 2012 = 500
483     p_consumP_insert(2,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
484     p_consumP_insert(2,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
485     p_consumP_insert(2,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
486     p_consumP_insert(2,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
487     p_consumT_insert(2,100.,RSP);
488
489     -- COMPTADOR 3 - 2011 = 1590
490     p_consumP_insert(3,to_timestamp('25/01/2011 11:00:00'),135.,RSP);
491     p_consumP_insert(3,to_timestamp('25/02/2011 11:00:00'),130.,RSP);
492     p_consumP_insert(3,to_timestamp('25/03/2011 11:00:00'),135.,RSP);
493     p_consumP_insert(3,to_timestamp('25/04/2011 11:00:00'),130.,RSP);
494     p_consumP_insert(3,to_timestamp('25/05/2011 11:00:00'),135.,RSP);
495     p_consumP_insert(3,to_timestamp('25/06/2011 11:00:00'),130.,RSP);
496     p_consumP_insert(3,to_timestamp('25/07/2011 11:00:00'),135.,RSP);
497     p_consumP_insert(3,to_timestamp('25/08/2011 11:00:00'),130.,RSP);
498     p_consumP_insert(3,to_timestamp('25/09/2011 11:00:00'),135.,RSP);
499     p_consumP_insert(3,to_timestamp('25/10/2011 11:00:00'),130.,RSP);
500     p_consumP_insert(3,to_timestamp('25/11/2011 11:00:00'),135.,RSP);
501     p_consumP_insert(3,to_timestamp('25/12/2011 11:00:00'),130.,RSP);
502
503     -- COMPTADOR 3 - 2012 = 750
504     p_consumP_insert(3,to_timestamp('25/01/2012 11:00:00'),150.,RSP);
505     p_consumP_insert(3,to_timestamp('25/02/2012 11:00:00'),150.,RSP);
506     p_consumP_insert(3,to_timestamp('25/03/2012 11:00:00'),150.,RSP);
```

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507     p_consumP_insert(3,to_timestamp('25/04/2012 11:00:00'),150.,RSP);
508     p_consumT_insert(3,150.,RSP);
509
510     -- COMPTADOR 4 - 2011 = 390
511     p_consumP_insert(4,to_timestamp('25/01/2011 11:00:00'),35.,RSP);
512     p_consumP_insert(4,to_timestamp('25/02/2011 11:00:00'),30.,RSP);
513     p_consumP_insert(4,to_timestamp('25/03/2011 11:00:00'),35.,RSP);
514     p_consumP_insert(4,to_timestamp('25/04/2011 11:00:00'),30.,RSP);
515     p_consumP_insert(4,to_timestamp('25/05/2011 11:00:00'),35.,RSP);
516     p_consumP_insert(4,to_timestamp('25/06/2011 11:00:00'),30.,RSP);
517     p_consumP_insert(4,to_timestamp('25/07/2011 11:00:00'),35.,RSP);
518     p_consumP_insert(4,to_timestamp('25/08/2011 11:00:00'),30.,RSP);
519     p_consumP_insert(4,to_timestamp('25/09/2011 11:00:00'),35.,RSP);
520     p_consumP_insert(4,to_timestamp('25/10/2011 11:00:00'),30.,RSP);
521     p_consumP_insert(4,to_timestamp('25/11/2011 11:00:00'),35.,RSP);
522     p_consumP_insert(4,to_timestamp('25/12/2011 11:00:00'),30.,RSP);
523
524     -- COMPTADOR 4 - 2012 = 250
525     p_consumP_insert(4,to_timestamp('25/01/2012 11:00:00'),50.,RSP);
526     p_consumP_insert(4,to_timestamp('25/02/2012 11:00:00'),50.,RSP);
527     p_consumP_insert(4,to_timestamp('25/03/2012 11:00:00'),50.,RSP);
528     p_consumP_insert(4,to_timestamp('25/04/2012 11:00:00'),50.,RSP);
529     p_consumT_insert(4,50.,RSP);
530
531     -- COMPTADOR 5 - 2011 = 1500
532     p_consumP_insert(5,to_timestamp('25/01/2011 11:00:00'),125.,RSP);
533     p_consumP_insert(5,to_timestamp('25/02/2011 11:00:00'),125.,RSP);
534     p_consumP_insert(5,to_timestamp('25/03/2011 11:00:00'),125.,RSP);
535     p_consumP_insert(5,to_timestamp('25/04/2011 11:00:00'),125.,RSP);
536     p_consumP_insert(5,to_timestamp('25/05/2011 11:00:00'),125.,RSP);
537     p_consumP_insert(5,to_timestamp('25/06/2011 11:00:00'),125.,RSP);
538     p_consumP_insert(5,to_timestamp('25/07/2011 11:00:00'),125.,RSP);
539     p_consumP_insert(5,to_timestamp('25/08/2011 11:00:00'),125.,RSP);
540     p_consumP_insert(5,to_timestamp('25/09/2011 11:00:00'),125.,RSP);
541     p_consumP_insert(5,to_timestamp('25/10/2011 11:00:00'),125.,RSP);
542     p_consumP_insert(5,to_timestamp('25/11/2011 11:00:00'),125.,RSP);
543     p_consumP_insert(5,to_timestamp('25/12/2011 11:00:00'),125.,RSP);
544
545     -- COMPTADOR 5 - 2012 = 625
546     p_consumP_insert(5,to_timestamp('25/01/2012 11:00:00'),125.,RSP);
547     p_consumP_insert(5,to_timestamp('25/02/2012 11:00:00'),125.,RSP);
548     p_consumP_insert(5,to_timestamp('25/03/2012 11:00:00'),125.,RSP);
549     p_consumP_insert(5,to_timestamp('25/04/2012 11:00:00'),125.,RSP);
```

```
550     p_consumT_insert(5,125.,RSP);
551
552     -- COMPTADOR 6 - 2011 = 1115
553     p_consumP_insert(6,to_timestamp('25/01/2011 11:00:00'),85.,RSP);
554     p_consumP_insert(6,to_timestamp('25/02/2011 11:00:00'),80.,RSP);
555     p_consumP_insert(6,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
556     p_consumP_insert(6,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
557     p_consumP_insert(6,to_timestamp('25/05/2011 11:00:00'),80.,RSP);
558     p_consumP_insert(6,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
559     p_consumP_insert(6,to_timestamp('25/07/2011 11:00:00'),90.,RSP);
560     p_consumP_insert(6,to_timestamp('25/08/2011 11:00:00'),90.,RSP);
561     p_consumP_insert(6,to_timestamp('25/09/2011 11:00:00'),95.,RSP);
562     p_consumP_insert(6,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
563     p_consumP_insert(6,to_timestamp('25/11/2011 11:00:00'),95.,RSP);
564     p_consumP_insert(6,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
565
566     -- COMPTADOR 6 - 2012 = 500
567     p_consumP_insert(6,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
568     p_consumP_insert(6,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
569     p_consumP_insert(6,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
570     p_consumP_insert(6,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
571     p_consumT_insert(6,100.,RSP);
572
573     -- COMPTADOR 7 - 2011 = 1115
574     p_consumP_insert(7,to_timestamp('25/01/2011 11:00:00'),85.,RSP);
575     p_consumP_insert(7,to_timestamp('25/02/2011 11:00:00'),80.,RSP);
576     p_consumP_insert(7,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
577     p_consumP_insert(7,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
578     p_consumP_insert(7,to_timestamp('25/05/2011 11:00:00'),80.,RSP);
579     p_consumP_insert(7,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
580     p_consumP_insert(7,to_timestamp('25/07/2011 11:00:00'),90.,RSP);
581     p_consumP_insert(7,to_timestamp('25/08/2011 11:00:00'),90.,RSP);
582     p_consumP_insert(7,to_timestamp('25/09/2011 11:00:00'),95.,RSP);
583     p_consumP_insert(7,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
584     p_consumP_insert(7,to_timestamp('25/11/2011 11:00:00'),95.,RSP);
585     p_consumP_insert(7,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
586
587     -- COMPTADOR 7 - 2012 = 500
588     p_consumP_insert(7,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
589     p_consumP_insert(7,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
590     p_consumP_insert(7,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
591     p_consumP_insert(7,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
592     p_consumT_insert(7,100.,RSP);
```

```
593
594     -- COMPTADOR 8 - 2011 = 1115
595     p_consumP_insert(8,to_timestamp('25/01/2011 11:00:00'),85.,RSP);
596     p_consumP_insert(8,to_timestamp('25/02/2011 11:00:00'),80.,RSP);
597     p_consumP_insert(8,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
598     p_consumP_insert(8,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
599     p_consumP_insert(8,to_timestamp('25/05/2011 11:00:00'),80.,RSP);
600     p_consumP_insert(8,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
601     p_consumP_insert(8,to_timestamp('25/07/2011 11:00:00'),90.,RSP);
602     p_consumP_insert(8,to_timestamp('25/08/2011 11:00:00'),90.,RSP);
603     p_consumP_insert(8,to_timestamp('25/09/2011 11:00:00'),95.,RSP);
604     p_consumP_insert(8,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
605     p_consumP_insert(8,to_timestamp('25/11/2011 11:00:00'),95.,RSP);
606     p_consumP_insert(8,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
607
608     -- COMPTADOR 8 - 2012 = 500
609     p_consumP_insert(8,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
610     p_consumP_insert(8,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
611     p_consumP_insert(8,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
612     p_consumP_insert(8,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
613     p_consumT_insert(8,100.,RSP);
614
615     -- COMPTADOR 9 - 2011 = 2315
616     p_consumP_insert(9,to_timestamp('25/01/2011 11:00:00'),185.,RSP);
617     p_consumP_insert(9,to_timestamp('25/02/2011 11:00:00'),180.,RSP);
618     p_consumP_insert(9,to_timestamp('25/03/2011 11:00:00'),200.,RSP);
619     p_consumP_insert(9,to_timestamp('25/04/2011 11:00:00'),200.,RSP);
620     p_consumP_insert(9,to_timestamp('25/05/2011 11:00:00'),180.,RSP);
621     p_consumP_insert(9,to_timestamp('25/06/2011 11:00:00'),200.,RSP);
622     p_consumP_insert(9,to_timestamp('25/07/2011 11:00:00'),190.,RSP);
623     p_consumP_insert(9,to_timestamp('25/08/2011 11:00:00'),190.,RSP);
624     p_consumP_insert(9,to_timestamp('25/09/2011 11:00:00'),195.,RSP);
625     p_consumP_insert(9,to_timestamp('25/10/2011 11:00:00'),200.,RSP);
626     p_consumP_insert(9,to_timestamp('25/11/2011 11:00:00'),195.,RSP);
627     p_consumP_insert(9,to_timestamp('25/12/2011 11:00:00'),200.,RSP);
628
629     -- COMPTADOR 9 - 2012 = 1000
630     p_consumP_insert(9,to_timestamp('25/01/2012 11:00:00'),200.,RSP);
631     p_consumP_insert(9,to_timestamp('25/02/2012 11:00:00'),200.,RSP);
632     p_consumP_insert(9,to_timestamp('25/03/2012 11:00:00'),200.,RSP);
633     p_consumP_insert(9,to_timestamp('25/04/2012 11:00:00'),200.,RSP);
634     p_consumT_insert(9,200.,RSP);
635
```



```
636      -- COMPTADOR 10 - 2011 = 605
637      p_consumP_insert(10,to_timestamp('25/01/2011 11:00:00'),65.,RSP);
638      p_consumP_insert(10,to_timestamp('25/02/2011 11:00:00'),60.,RSP);
639      p_consumP_insert(10,to_timestamp('25/03/2011 11:00:00'),60.,RSP);
640      p_consumP_insert(10,to_timestamp('25/04/2011 11:00:00'),60.,RSP);
641      p_consumP_insert(10,to_timestamp('25/05/2011 11:00:00'),75.,RSP);
642      p_consumP_insert(10,to_timestamp('25/06/2011 11:00:00'),60.,RSP);
643      p_consumP_insert(10,to_timestamp('25/07/2011 11:00:00'),65.,RSP);
644      p_consumP_insert(10,to_timestamp('25/08/2011 11:00:00'),25.,RSP);
645      p_consumP_insert(10,to_timestamp('25/09/2011 11:00:00'),30.,RSP);
646      p_consumP_insert(10,to_timestamp('25/10/2011 11:00:00'),35.,RSP);
647      p_consumP_insert(10,to_timestamp('25/11/2011 11:00:00'),45.,RSP);
648      p_consumP_insert(10,to_timestamp('25/12/2011 11:00:00'),25.,RSP);
649
650      -- COMPTADOR 10 - 2012 = 300
651      p_consumP_insert(10,to_timestamp('25/01/2012 11:00:00'),60.,RSP);
652      p_consumP_insert(10,to_timestamp('25/02/2012 11:00:00'),60.,RSP);
653      p_consumP_insert(10,to_timestamp('25/03/2012 11:00:00'),60.,RSP);
654      p_consumP_insert(10,to_timestamp('25/04/2012 11:00:00'),60.,RSP);
655      p_consumT_insert(10,60.,RSP);
656
657      -- COMPTADOR 11 - 2011 = 1115
658      p_consumP_insert(11,to_timestamp('25/01/2011 11:00:00'),85.,RSP);
659      p_consumP_insert(11,to_timestamp('25/02/2011 11:00:00'),80.,RSP);
660      p_consumP_insert(11,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
661      p_consumP_insert(11,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
662      p_consumP_insert(11,to_timestamp('25/05/2011 11:00:00'),80.,RSP);
663      p_consumP_insert(11,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
664      p_consumP_insert(11,to_timestamp('25/07/2011 11:00:00'),90.,RSP);
665      p_consumP_insert(11,to_timestamp('25/08/2011 11:00:00'),90.,RSP);
666      p_consumP_insert(11,to_timestamp('25/09/2011 11:00:00'),95.,RSP);
667      p_consumP_insert(11,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
668      p_consumP_insert(11,to_timestamp('25/11/2011 11:00:00'),95.,RSP);
669      p_consumP_insert(11,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
670
671      -- COMPTADOR 11 - 2012 = 500
672      p_consumP_insert(11,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
673      p_consumP_insert(11,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
674      p_consumP_insert(11,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
675      p_consumP_insert(11,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
676      p_consumT_insert(11,100.,RSP);
677
678      -- COMPTADOR 12 - 2011 = 1115
```

```
679     p_consumP_insert(12,to_timestamp('25/01/2011 11:00:00'),85.,RSP);
680     p_consumP_insert(12,to_timestamp('25/02/2011 11:00:00'),80.,RSP);
681     p_consumP_insert(12,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
682     p_consumP_insert(12,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
683     p_consumP_insert(12,to_timestamp('25/05/2011 11:00:00'),80.,RSP);
684     p_consumP_insert(12,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
685     p_consumP_insert(12,to_timestamp('25/07/2011 11:00:00'),90.,RSP);
686     p_consumP_insert(12,to_timestamp('25/08/2011 11:00:00'),90.,RSP);
687     p_consumP_insert(12,to_timestamp('25/09/2011 11:00:00'),95.,RSP);
688     p_consumP_insert(12,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
689     p_consumP_insert(12,to_timestamp('25/11/2011 11:00:00'),95.,RSP);
690     p_consumP_insert(12,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
691
692     -- COMPTADOR 12 - 2012 = 500
693     p_consumP_insert(12,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
694     p_consumP_insert(12,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
695     p_consumP_insert(12,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
696     p_consumP_insert(12,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
697     p_consumT_insert(12,100.,RSP);
698
699     -- COMPTADOR 13 - 2011 = 1115
700     p_consumP_insert(13,to_timestamp('25/01/2011 11:00:00'),85.,RSP);
701     p_consumP_insert(13,to_timestamp('25/02/2011 11:00:00'),80.,RSP);
702     p_consumP_insert(13,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
703     p_consumP_insert(13,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
704     p_consumP_insert(13,to_timestamp('25/05/2011 11:00:00'),80.,RSP);
705     p_consumP_insert(13,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
706     p_consumP_insert(13,to_timestamp('25/07/2011 11:00:00'),90.,RSP);
707     p_consumP_insert(13,to_timestamp('25/08/2011 11:00:00'),90.,RSP);
708     p_consumP_insert(13,to_timestamp('25/09/2011 11:00:00'),95.,RSP);
709     p_consumP_insert(13,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
710     p_consumP_insert(13,to_timestamp('25/11/2011 11:00:00'),95.,RSP);
711     p_consumP_insert(13,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
712
713     -- COMPTADOR 13 - 2012 = 500
714     p_consumP_insert(13,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
715     p_consumP_insert(13,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
716     p_consumP_insert(13,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
717     p_consumP_insert(13,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
718     p_consumT_insert(13,100.,RSP);
719
720     -- COMPTADOR 14 - 2011 = 1200
721     p_consumP_insert(14,to_timestamp('25/01/2011 11:00:00'),100.,RSP);
```

```
722     p_consumP_insert(14,to_timestamp('25/02/2011 11:00:00'),100.,RSP);
723     p_consumP_insert(14,to_timestamp('25/03/2011 11:00:00'),100.,RSP);
724     p_consumP_insert(14,to_timestamp('25/04/2011 11:00:00'),100.,RSP);
725     p_consumP_insert(14,to_timestamp('25/05/2011 11:00:00'),100.,RSP);
726     p_consumP_insert(14,to_timestamp('25/06/2011 11:00:00'),100.,RSP);
727     p_consumP_insert(14,to_timestamp('25/07/2011 11:00:00'),100.,RSP);
728     p_consumP_insert(14,to_timestamp('25/08/2011 11:00:00'),100.,RSP);
729     p_consumP_insert(14,to_timestamp('25/09/2011 11:00:00'),100.,RSP);
730     p_consumP_insert(14,to_timestamp('25/10/2011 11:00:00'),100.,RSP);
731     p_consumP_insert(14,to_timestamp('25/11/2011 11:00:00'),100.,RSP);
732     p_consumP_insert(14,to_timestamp('25/12/2011 11:00:00'),100.,RSP);
733
734     -- COMPTADOR 14 - 2012 = 500
735     p_consumP_insert(14,to_timestamp('25/01/2012 11:00:00'),100.,RSP);
736     p_consumP_insert(14,to_timestamp('25/02/2012 11:00:00'),100.,RSP);
737     p_consumP_insert(14,to_timestamp('25/03/2012 11:00:00'),100.,RSP);
738     p_consumP_insert(14,to_timestamp('25/04/2012 11:00:00'),100.,RSP);
739     p_consumT_insert(14,100.,RSP);
740
741     -- COMPTADOR 15 - 2011 = 1680
742     p_consumP_insert(15,to_timestamp('25/01/2011 11:00:00'),140.,RSP);
743     p_consumP_insert(15,to_timestamp('25/02/2011 11:00:00'),140.,RSP);
744     p_consumP_insert(15,to_timestamp('25/03/2011 11:00:00'),140.,RSP);
745     p_consumP_insert(15,to_timestamp('25/04/2011 11:00:00'),140.,RSP);
746     p_consumP_insert(15,to_timestamp('25/05/2011 11:00:00'),140.,RSP);
747     p_consumP_insert(15,to_timestamp('25/06/2011 11:00:00'),140.,RSP);
748     p_consumP_insert(15,to_timestamp('25/07/2011 11:00:00'),140.,RSP);
749     p_consumP_insert(15,to_timestamp('25/08/2011 11:00:00'),140.,RSP);
750     p_consumP_insert(15,to_timestamp('25/09/2011 11:00:00'),140.,RSP);
751     p_consumP_insert(15,to_timestamp('25/10/2011 11:00:00'),140.,RSP);
752     p_consumP_insert(15,to_timestamp('25/11/2011 11:00:00'),140.,RSP);
753     p_consumP_insert(15,to_timestamp('25/12/2011 11:00:00'),140.,RSP);
754
755     -- COMPTADOR 15 - 2012 = 700
756     p_consumP_insert(15,to_timestamp('25/01/2012 11:00:00'),140.,RSP);
757     p_consumP_insert(15,to_timestamp('25/02/2012 11:00:00'),140.,RSP);
758     p_consumP_insert(15,to_timestamp('25/03/2012 11:00:00'),140.,RSP);
759     p_consumP_insert(15,to_timestamp('25/04/2012 11:00:00'),140.,RSP);
760     p_consumT_insert(15,140.,RSP);
761
762     -- COMPTADOR 16 - 2011 = 1740
763     p_consumP_insert(16,to_timestamp('25/01/2011 11:00:00'),145.,RSP);
764     p_consumP_insert(16,to_timestamp('25/02/2011 11:00:00'),145.,RSP);
```

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765     p_consumP_insert(16,to_timestamp('25/03/2011 11:00:00'),145.,RSP);
766     p_consumP_insert(16,to_timestamp('25/04/2011 11:00:00'),145.,RSP);
767     p_consumP_insert(16,to_timestamp('25/05/2011 11:00:00'),145.,RSP);
768     p_consumP_insert(16,to_timestamp('25/06/2011 11:00:00'),145.,RSP);
769     p_consumP_insert(16,to_timestamp('25/07/2011 11:00:00'),145.,RSP);
770     p_consumP_insert(16,to_timestamp('25/08/2011 11:00:00'),145.,RSP);
771     p_consumP_insert(16,to_timestamp('25/09/2011 11:00:00'),145.,RSP);
772     p_consumP_insert(16,to_timestamp('25/10/2011 11:00:00'),145.,RSP);
773     p_consumP_insert(16,to_timestamp('25/11/2011 11:00:00'),145.,RSP);
774     p_consumP_insert(16,to_timestamp('25/12/2011 11:00:00'),145.,RSP);
775
776     -- COMPTADOR 16 - 2012 = 725
777     p_consumP_insert(16,to_timestamp('25/01/2012 11:00:00'),145.,RSP);
778     p_consumP_insert(16,to_timestamp('25/02/2012 11:00:00'),145.,RSP);
779     p_consumP_insert(16,to_timestamp('25/03/2012 11:00:00'),145.,RSP);
780     p_consumP_insert(16,to_timestamp('25/04/2012 11:00:00'),145.,RSP);
781     p_consumT_insert(16,145.,RSP);
782     END;
783     /
784
785
```