

How to Read the Scenario Tables

Load Scenarios

\$ in millions

High Load

<----- Short description of the scenarios on this page

<----- Scenario Heading (there are two or three scenarios on each page)

PTF without IGCC

Case 3d

	06	07	08	09	10	11	12	13	14
Wind									
Pkr			150			450		450	300
CC			545					545	
Coal	515		515			515			

<----- first data block contains the "PTF without IGCC" results

<----- each data block has a Case number

<----- Wind units by year in MW

<----- Simple cycle gas turbines by year in MW

<----- Gas Combined-cycle units by year in MW

<----- Coal (SCPC) units by year in MW

\$22,607

vs. 'c' below = \$44

<----- Net present value of all modeled costs over planning period

<----- difference in costs compared to EGEAS Optimal case using same scenario assumptions

EGEAS Optimal

Case 3c

	06	07	08	09	10	11	12	13	14
Wind									
Pkr			600		150		300		300
CC		545						545	
Coal				515		515		515	

<----- second data block contains the "EGEAS Optimal" results

\$22,563

vs 1c = \$2,408

<----- Net present value of all modeled costs over planning period

<----- difference in costs compared to EGEAS Optimal case using Base Case (1c) assumptions

Load Scenarios

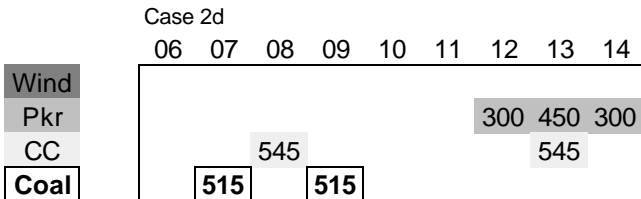
\$ in millions

Low Load

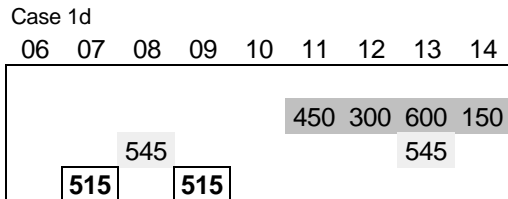
Base Load

High Load

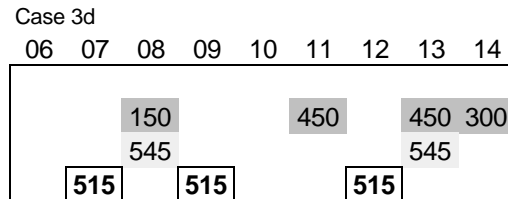
PTF without IGCC



\$18,084
vs. 'c' below = \$128



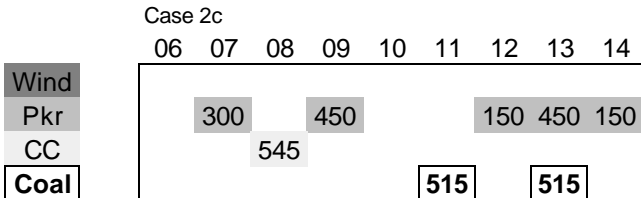
\$20,187
vs. 'c' below = \$32



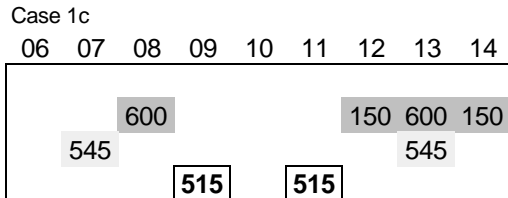
\$22,607
vs. 'c' below = \$44

vs.

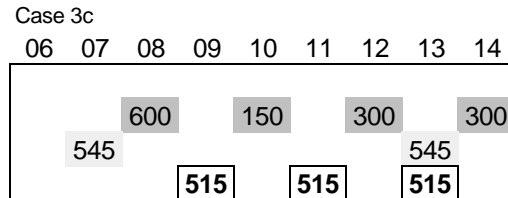
EGEAS Optimal



\$17,956
vs 1c = (\$2,199)



\$20,155



\$22,563
vs 1c = \$2,408

Gas Price Scenarios

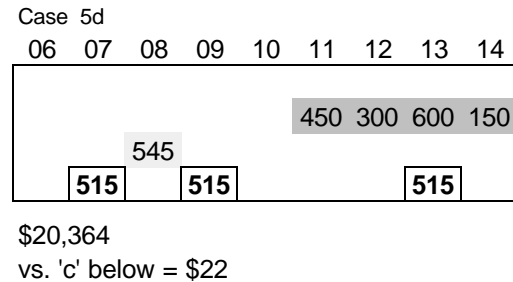
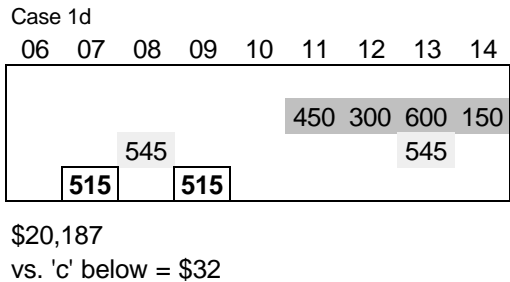
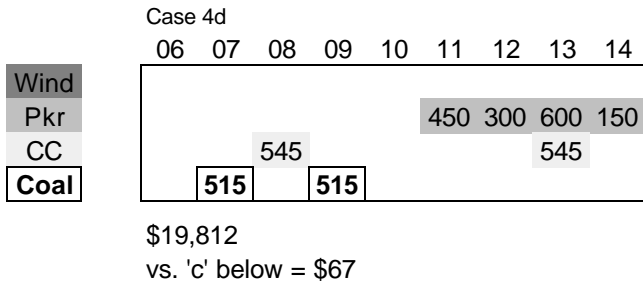
\$ in millions

Low Gas Prices

Base Gas Prices

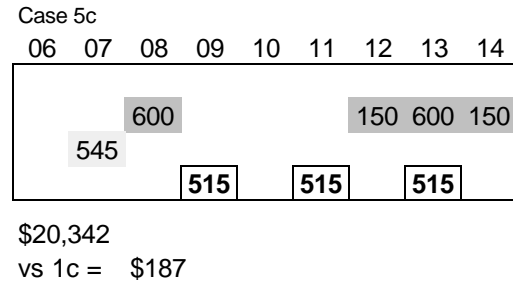
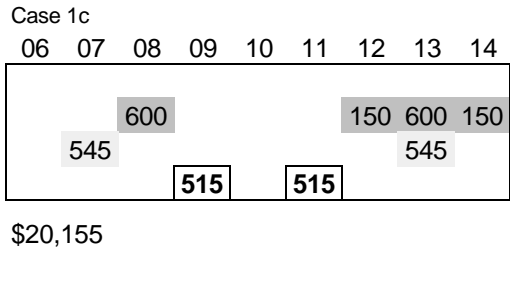
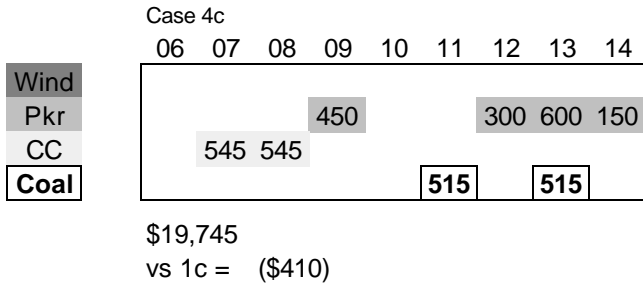
High Gas Prices

PTF without IGCC



vs.

EGEAS Optimal



Highest Gas Price Scenario

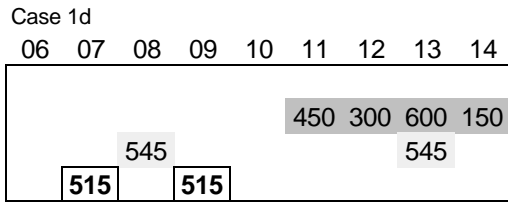
\$ in millions

Base Gas Prices

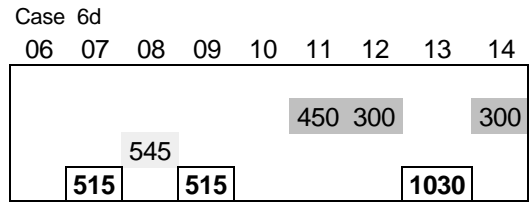
Highest Gas Prices

PTF without IGCC

Wind
Pkr
CC
Coal



\$20,187
 vs. 'c' below = \$32

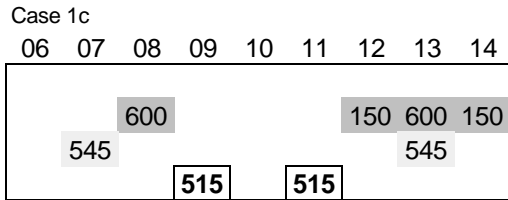


\$20,889
 vs. 'c' below = (\$6)

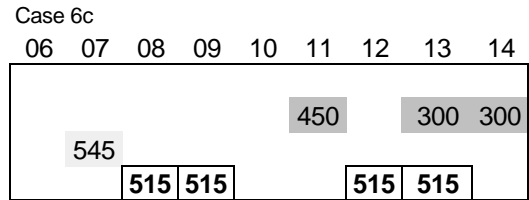
vs.

EGEAS Optimal

Wind
Pkr
CC
Coal



\$20,155



\$20,895
 vs 1c = \$740

Coal Price Scenarios

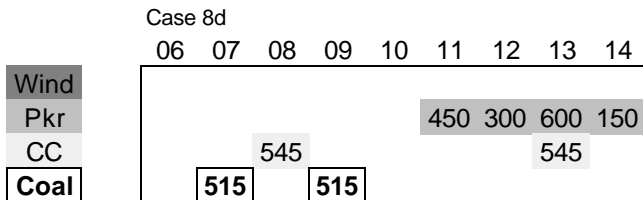
\$ in millions

Low Coal Prices

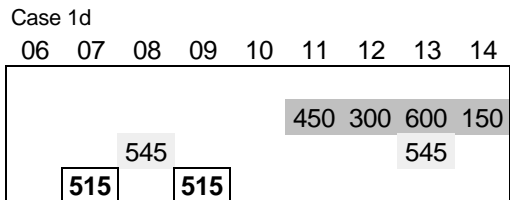
Base Coal Prices

High Coal Prices

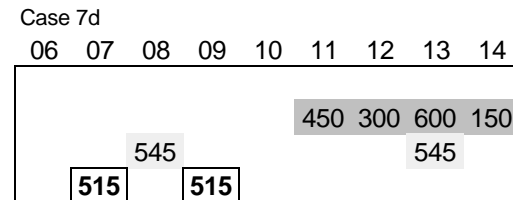
PTF without IGCC



\$19,947
vs. 'c' below = \$32



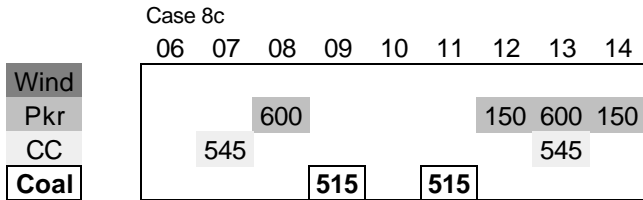
\$20,187
vs. 'c' below = \$32



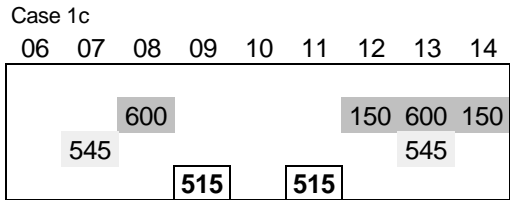
\$20,427
vs. 'c' below = \$33

vs.

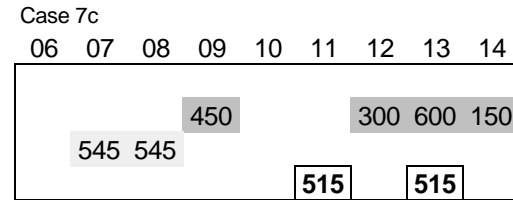
EGEAS Optimal



\$19,915
vs 1c = (\$240)



\$20,155



\$20,393
vs 1c = \$239

Coal Unit Cost Scenarios

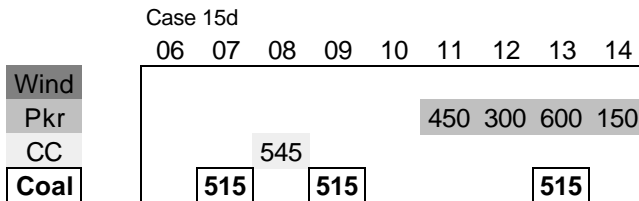
\$ in millions

Low Coal Unit Cost

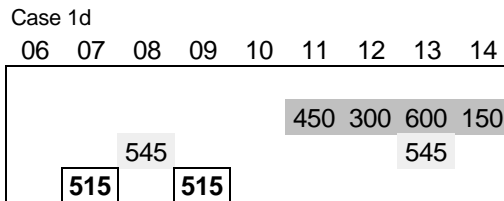
Base Coal Unit Cost

High Coal Unit Cost

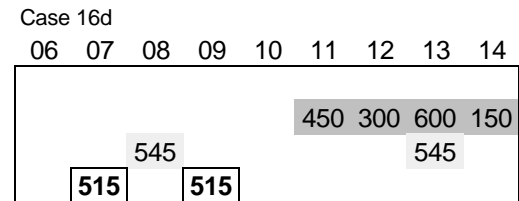
PTF without IGCC



\$19,931
vs. 'c' below = \$31



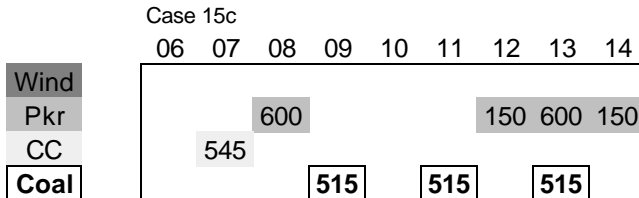
\$20,187
vs. 'c' below = \$32



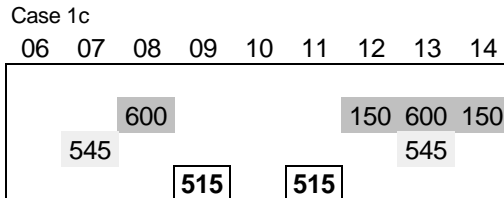
\$20,638
vs. 'c' below = \$86

vs.

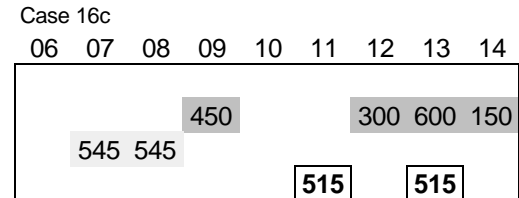
EGEAS Optimal



\$19,900
vs 1c = (\$255)



\$20,155



\$20,552
vs 1c = \$398

Point Beach Relicensing Scenario

\$ in millions

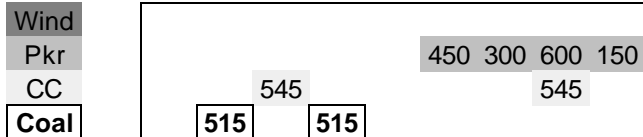
Base (PB Relicensed)

Point Beach Not Relicensed

PTF without IGCC

Case 1d

06 07 08 09 10 11 12 13 14

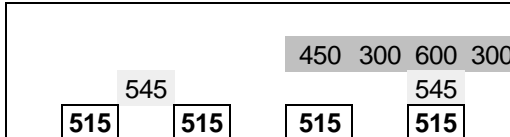


\$20,187

vs. 'c' below = \$32

Case 9d

06 07 08 09 10 11 12 13 14



\$22,289

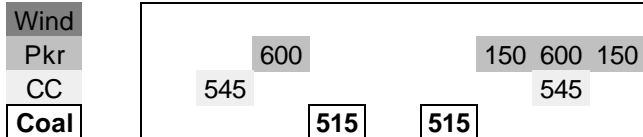
vs. 'c' below = \$46

vs.

EGEAS Optimal

Case 1c

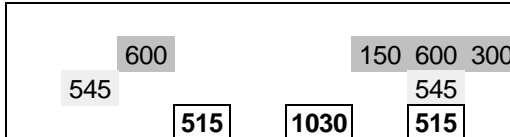
06 07 08 09 10 11 12 13 14



\$20,155

Case 9c

06 07 08 09 10 11 12 13 14



\$22,244

vs 1c = \$2,089

Schedule and MGE/WPPI Scenarios

\$ in millions

Base

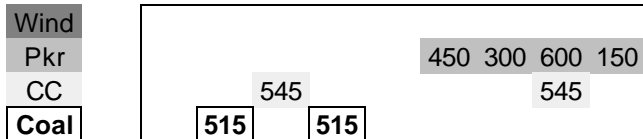
First Coal Unit in 08 (not 07)

MGE/WPPI Decline Options

PTF without IGCC

Case 1d

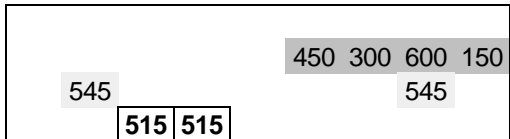
06 07 08 09 10 11 12 13 14



\$20,187
vs. 'c' below = \$32

Case 12d

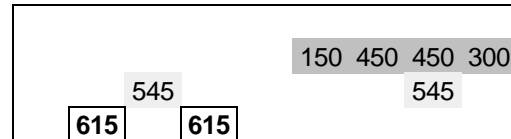
06 07 08 09 10 11 12 13 14



\$20,171
vs. 'c' below = \$30

Case 13d

06 07 08 09 10 11 12 13 14



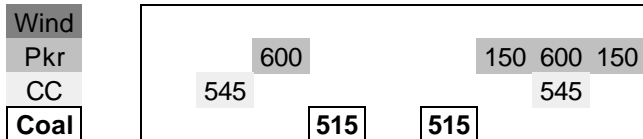
\$20,266
vs. 'c' below = \$105

vs.

EGEAS Optimal

Case 1c

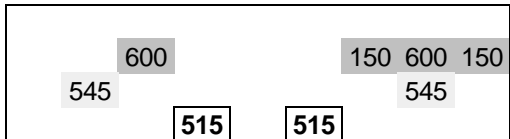
06 07 08 09 10 11 12 13 14



\$20,155

Case 12c

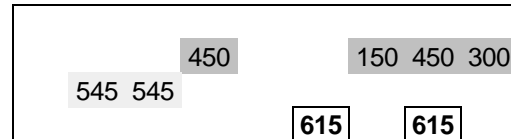
06 07 08 09 10 11 12 13 14



\$20,141
vs 1c = (\$14)

Case 13c

06 07 08 09 10 11 12 13 14



\$20,161
vs 1c = \$6

Leases Extended, Tax Credit Scenarios

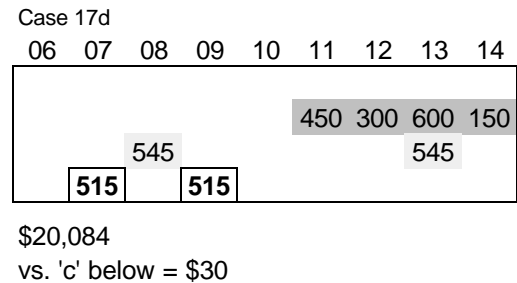
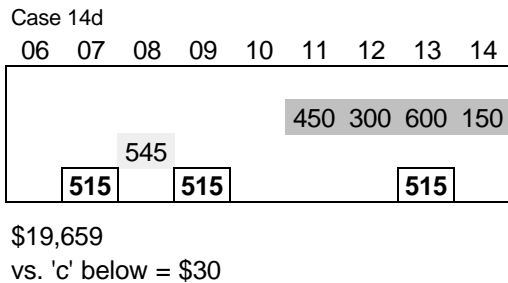
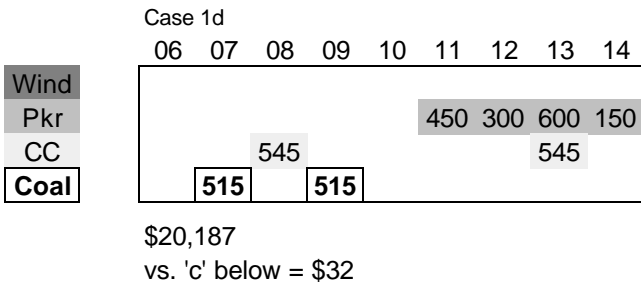
\$ in millions

Base

Leases Extended

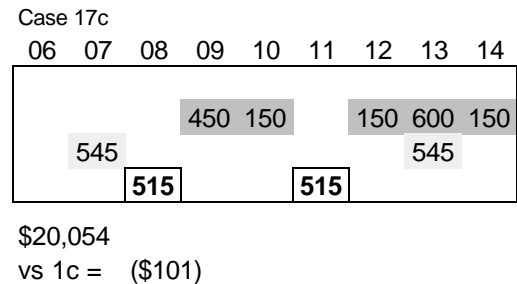
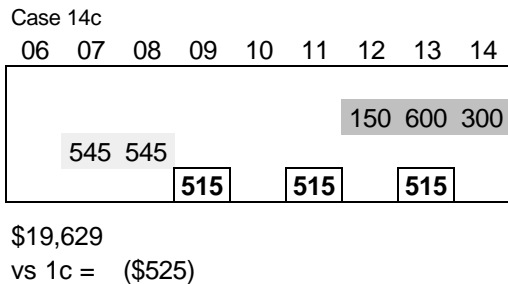
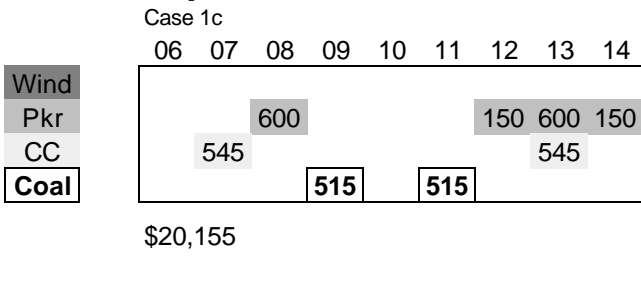
Adv. Clean Coal Tax Credit

PTF without IGCC



vs.

EGEAS Optimal



CO2 Tax, Dec. 2008 Retirement Scenarios

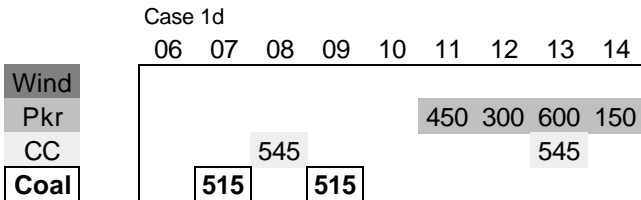
\$ in millions

Base

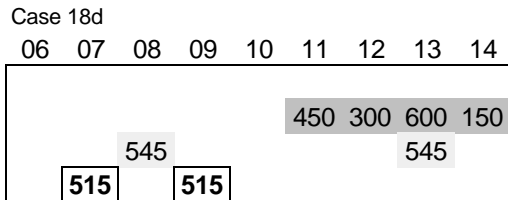
CO2 Tax (\$3 in 2010)

Dec-08: Retire OC5-6, P11-4

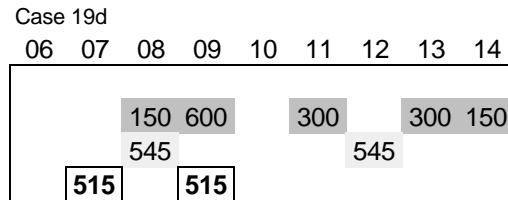
PTF without IGCC



\$20,187
vs. 'c' below = \$32



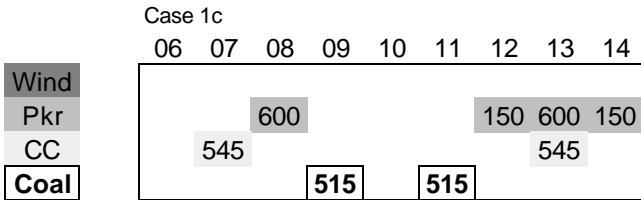
\$21,361
vs. 'c' below = \$49



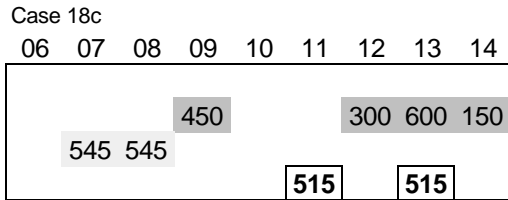
\$20,477
vs. 'c' below = \$16

vs.

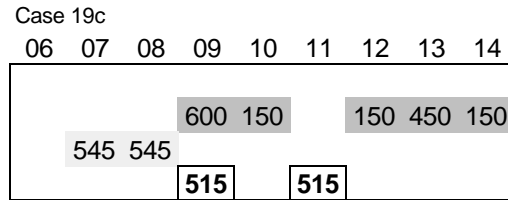
EGEAS Optimal



\$20,155



\$21,313
vs 1c = \$1,158



\$20,461
vs 1c = \$306