

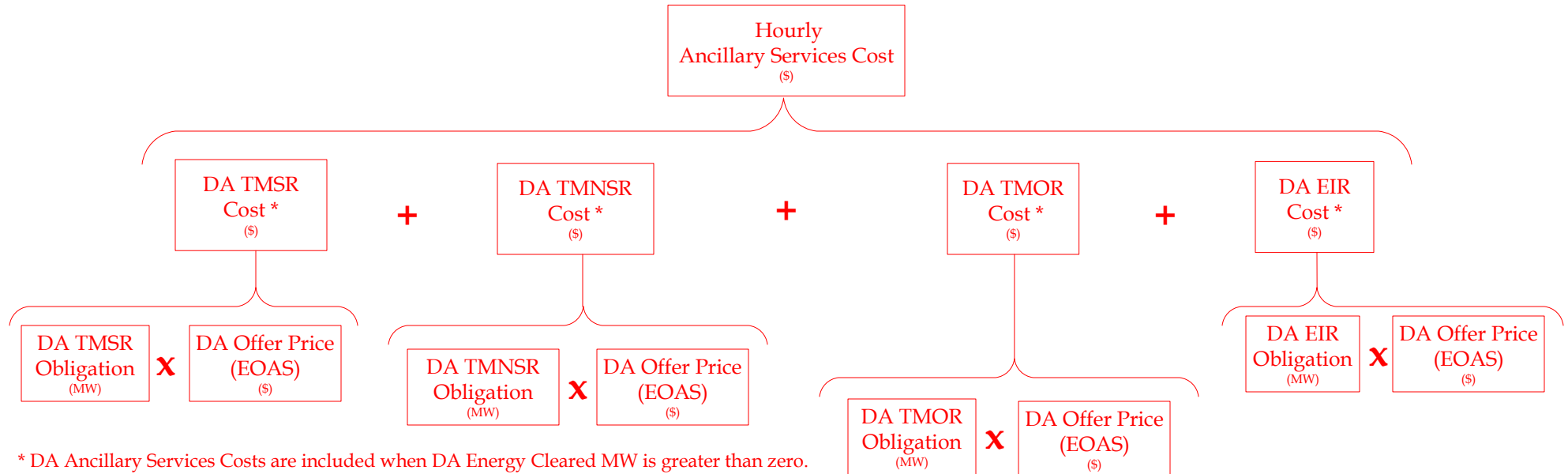
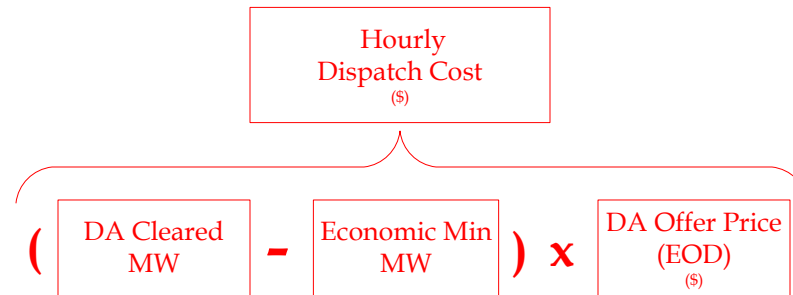
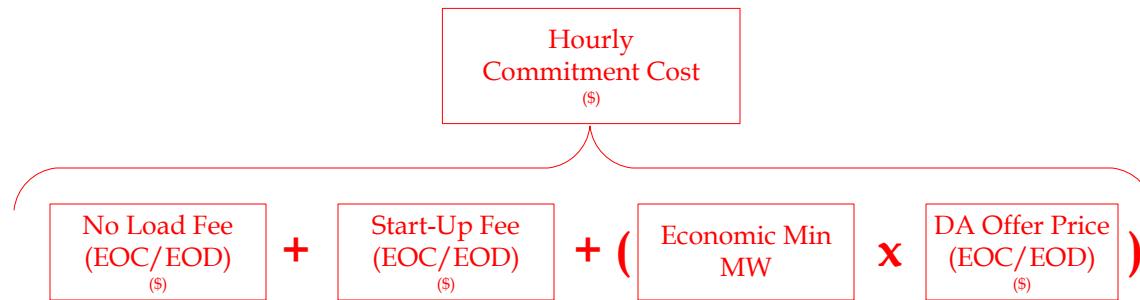
**Note:** The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

## Reference Guide

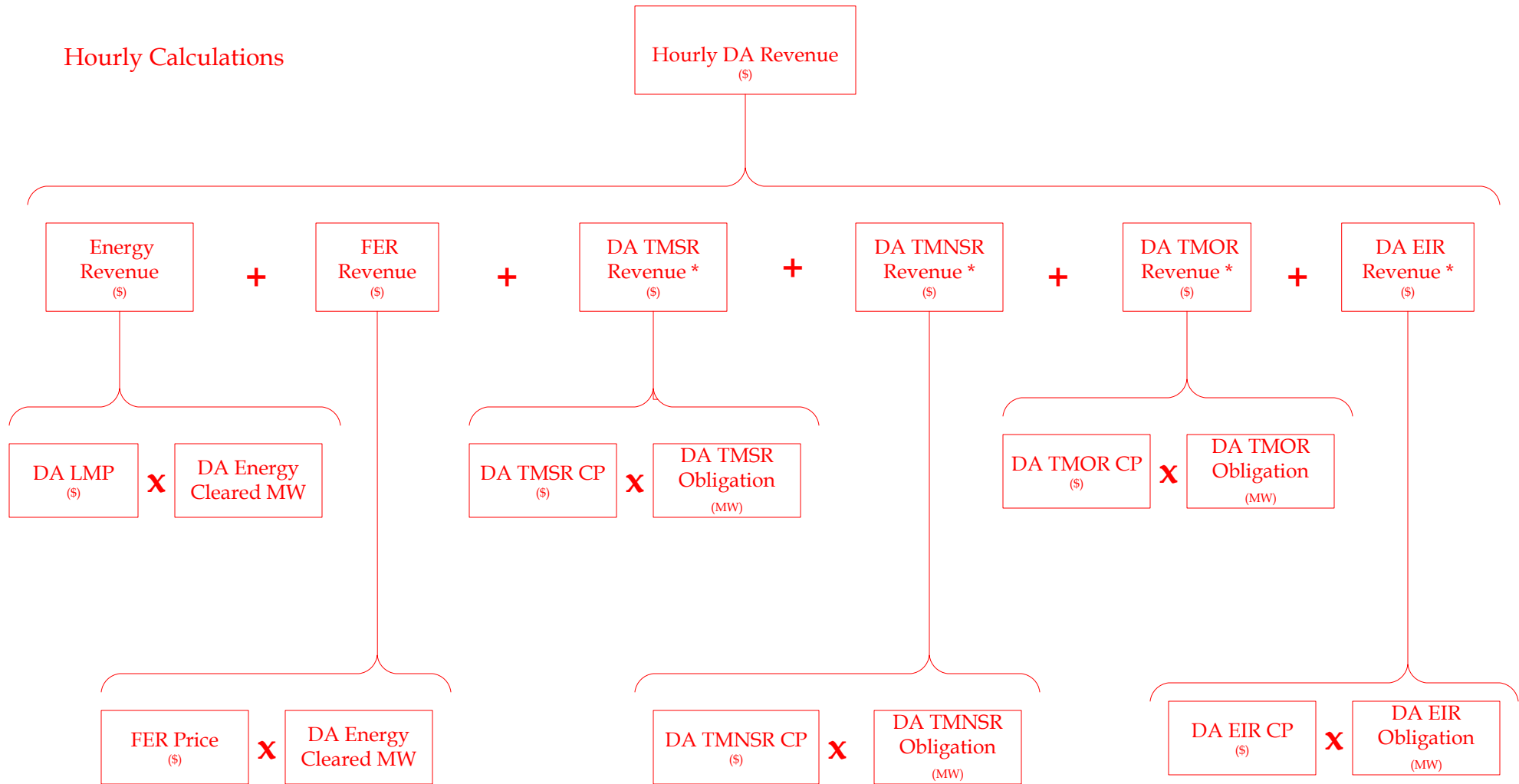
### ISO New England Calculation Summary

Acronyms					
Acronym	Definition			Acronym	Definition
AS	Ancillary Services			FER	Forecast Energy Requirement
CA	Charge Allocation			HV VAR	High Voltage VAR
CET	Coordinated External Transaction			LMP	Locational Marginal Price
CP	Clearing Price			LSCPR	Local Second Contingency Protection Resource
DA	Day-Ahead			LV VAR	Low Voltage VAR
DARD	Dispatchable Asset Related Demand			NCPC	Net Commitment Period Compensation
DRR	Demand Response Resource			RR	Reliability Region
EIR	Energy Imbalance Reserves			RT	Real-Time
EOAS	Effective Offer for Ancillary Services			SCR	Special Constraint Resource
EOC	Effective Offer for Commitment			TMSR	Ten Minute Spinning Reserve
EOD	Effective Offer for Dispatch			TMNSR	Ten Minute non-Spinning Reserve
ESD	Energy Storage Device			TMOR	Thirty Minute Operating Reserve
Related Calculation Summaries					
Calculation Summary			Related Market		
energy_market_calc_sum			Energy Market		
da_ancillary_services_calc_sum			Day-Ahead Ancillary Services		
Related Market Information Server (MIS) and World-wide Web (WW) Reports					
Report Code			Report Long Name		
SD_DANPCDARD			Day-Ahead DARD Commitment Report		
SD_DANPCDRR			Day-Ahead Demand Response Resource Commitment and Dispatch Report		
SD_DANPCGEN			Day-Ahead Generator Commitment and Dispatch Report		
SD_DANPCPYMT			Day-Ahead Net Commitment Period Compensation Payment Report		
SR_DANPCSTLMNTSUM			DA NCPC Settlement Summary Report		

## Hourly Calculations

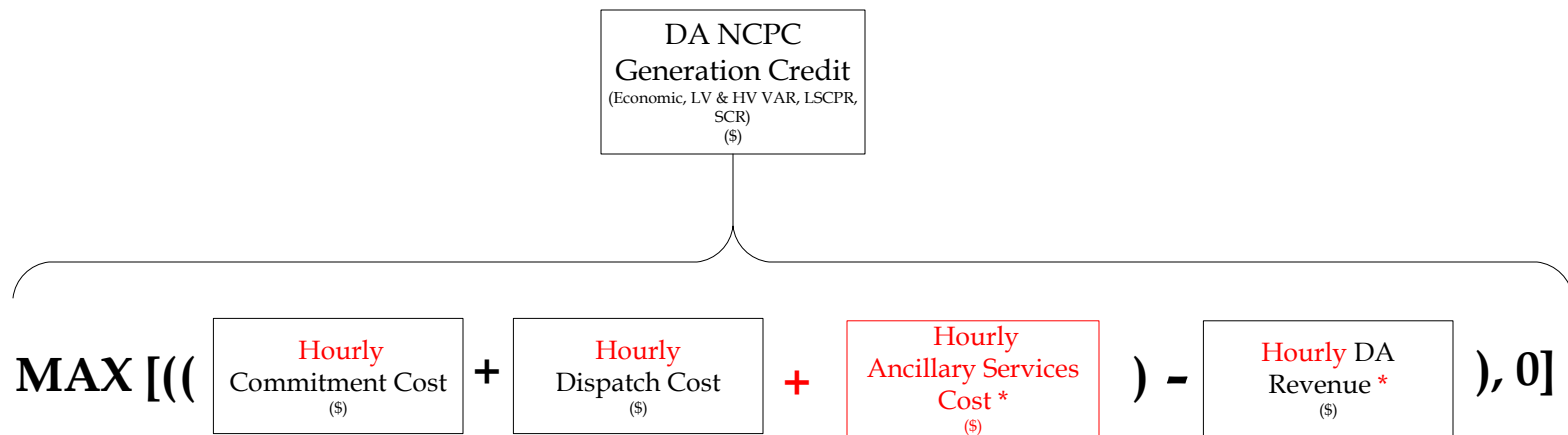


**Hourly Calculations**



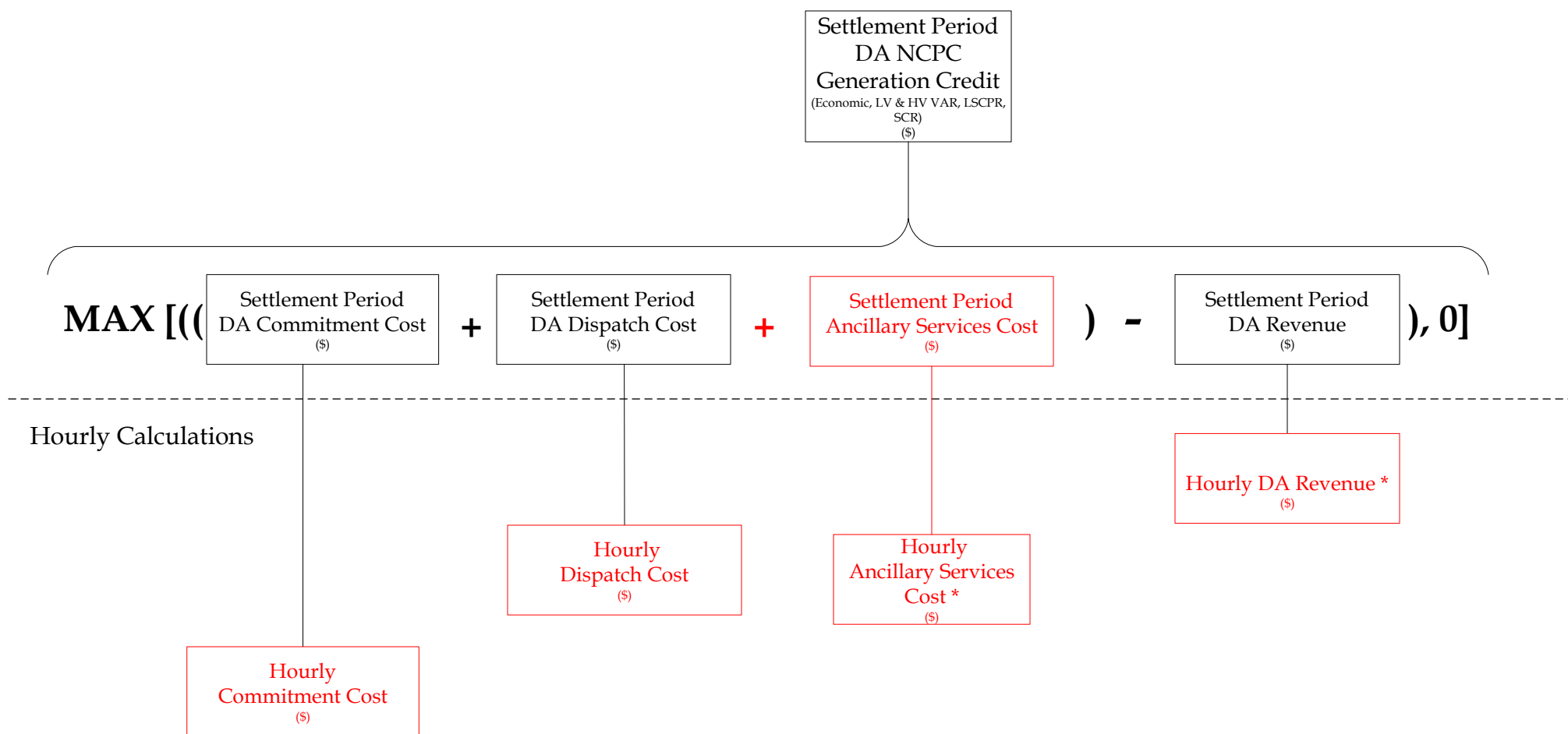
\* DA Ancillary Services Revenue are included when DA Energy Cleared MW is greater than zero.

## Hourly Calculation



\* DA Ancillary Services Costs/Revenues are included when DA Energy Cleared MW is greater than zero.

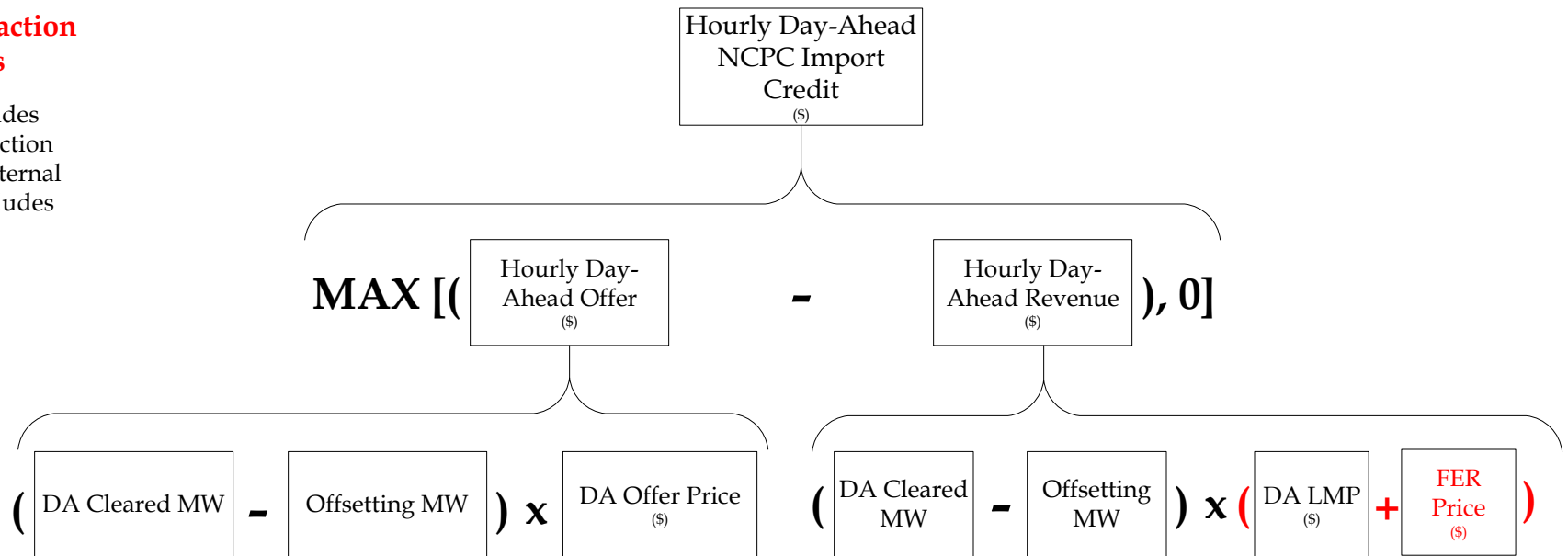
## Settlement Period Calculation



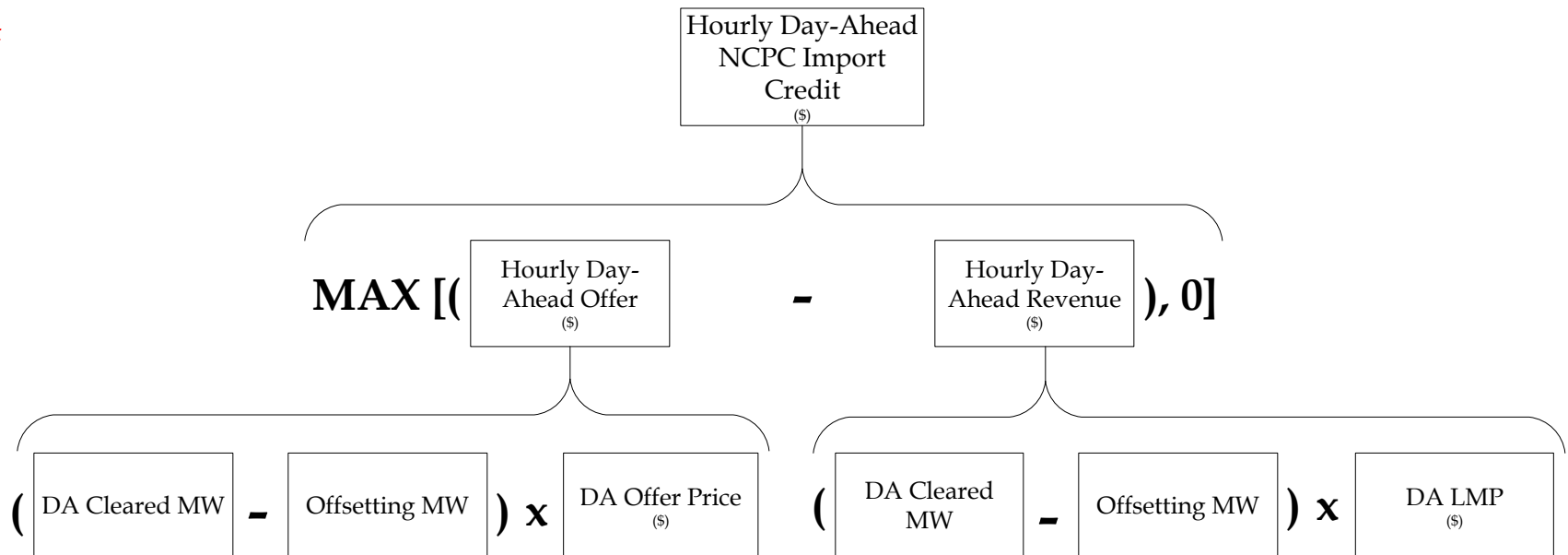
\* DA Ancillary Services Costs/Revenues are included when DA Energy Cleared MW is greater than zero.

**External Transaction Purchases**

Note: This includes External Transaction purchases at External Nodes, and excludes CETs.

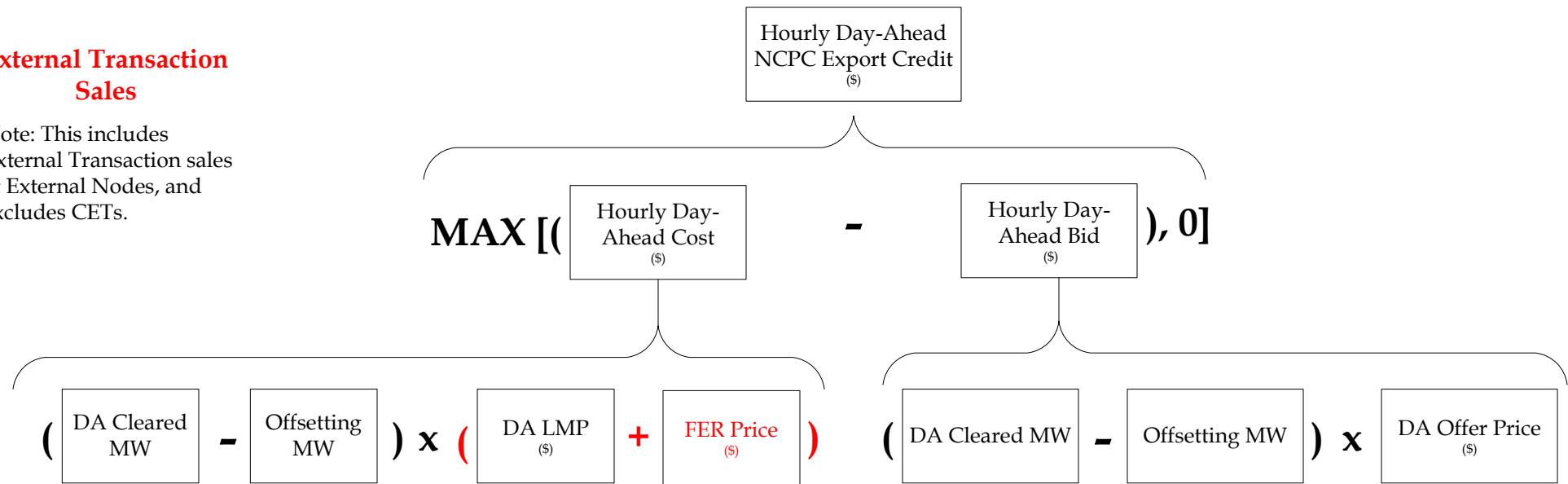


**Increment Offers**

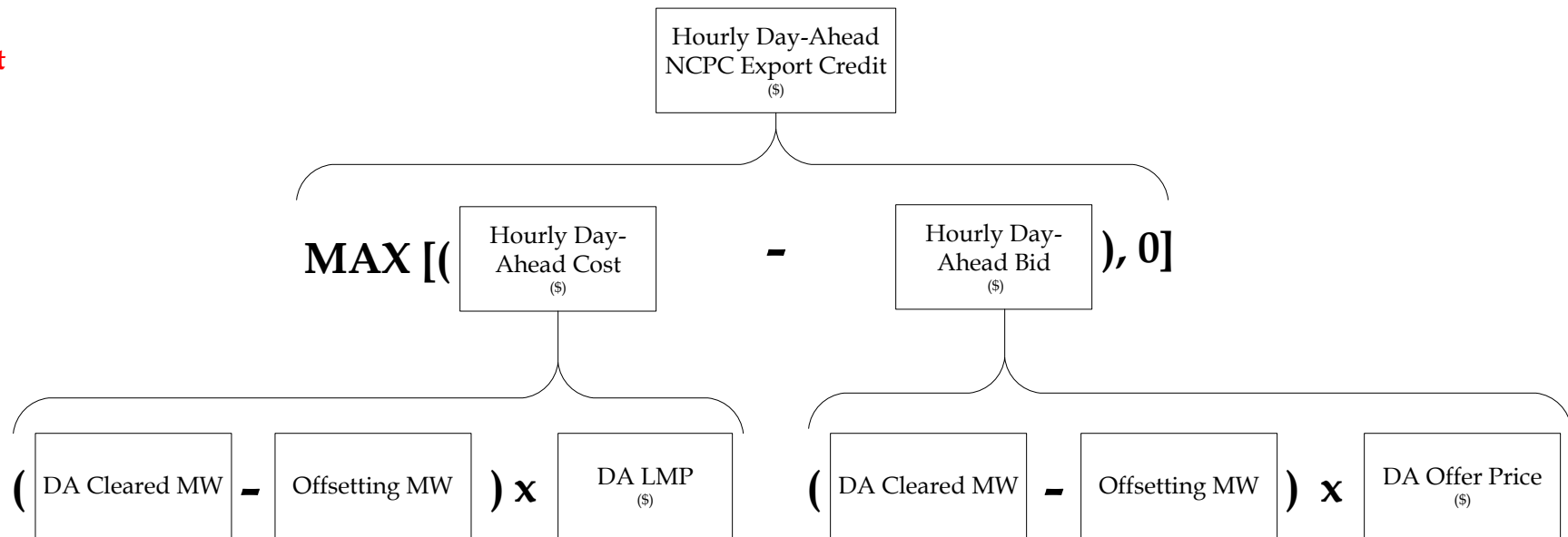


### External Transaction Sales

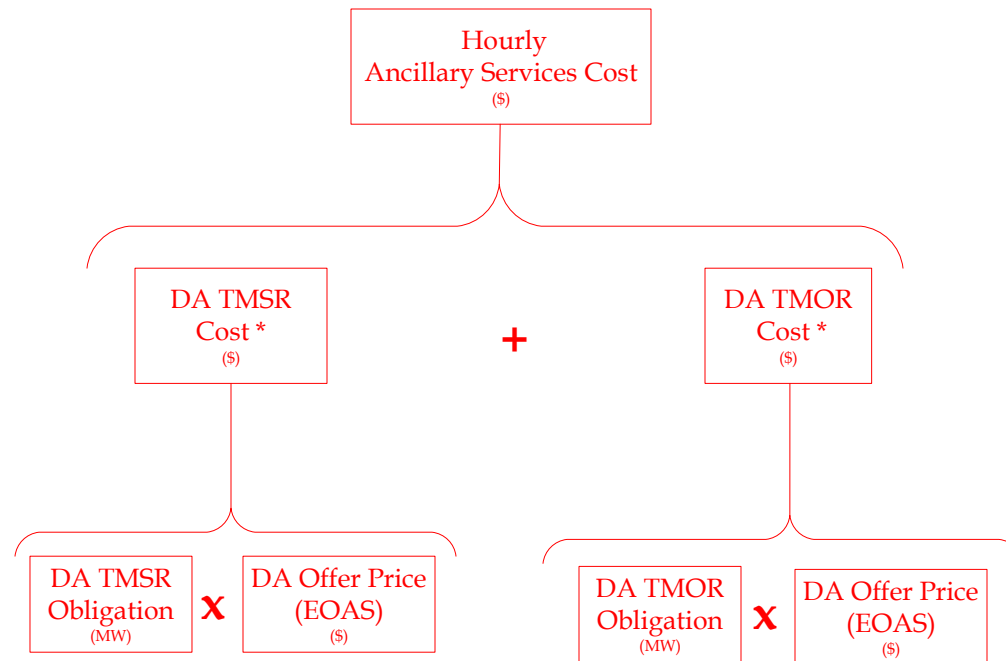
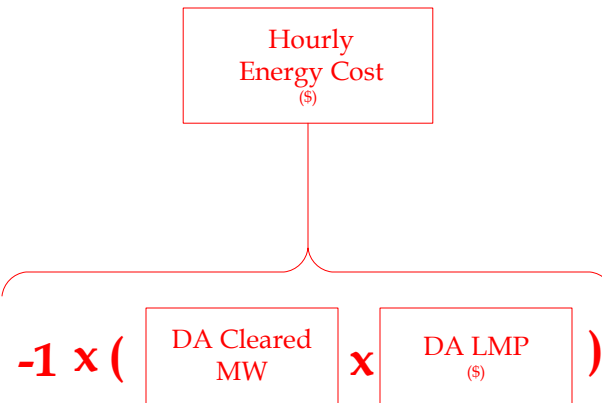
Note: This includes External Transaction sales at External Nodes, and excludes CETs.



### Decrement Offers



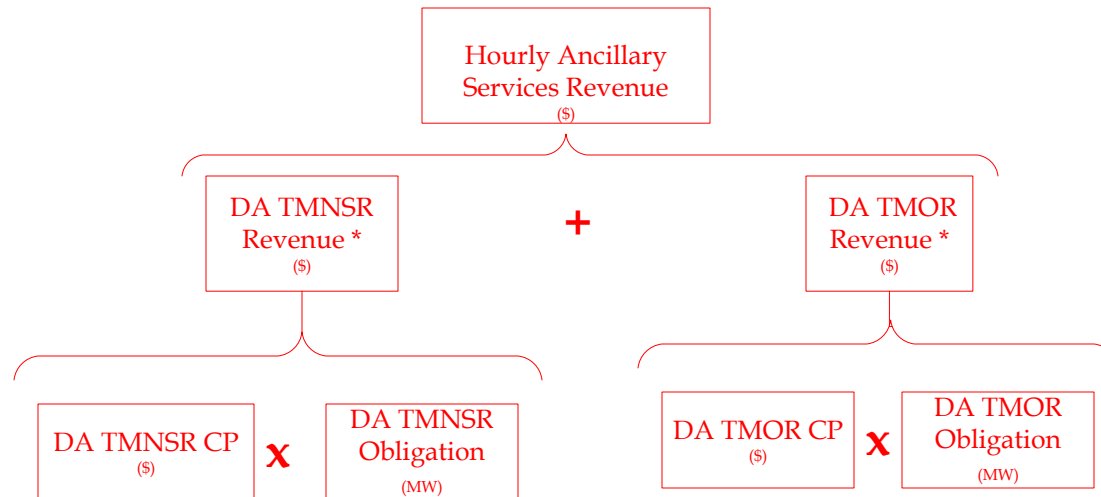
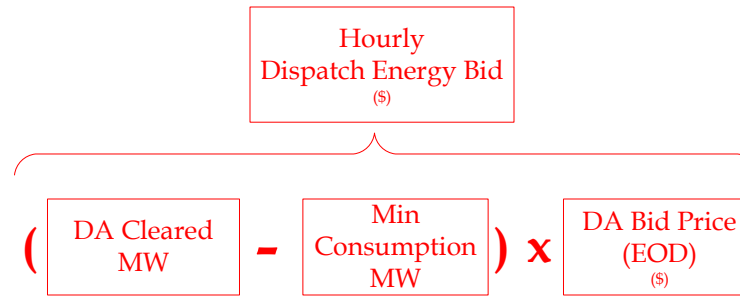
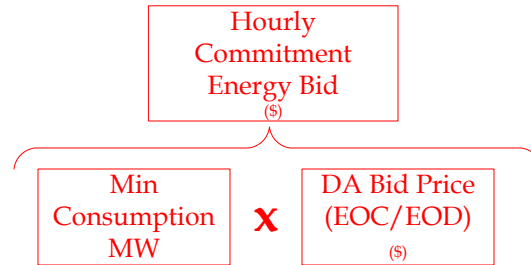
**Hourly Calculations**



\* DA Ancillary Services Costs are included when DA Energy Cleared MW is less than zero.



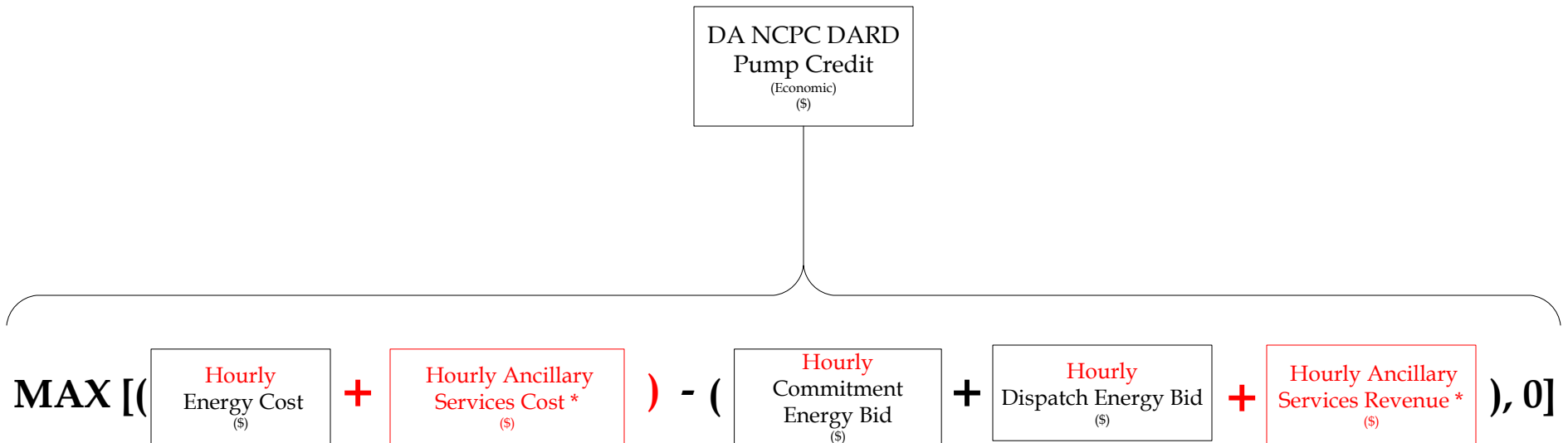
## Hourly Calculations



\* DA Ancillary Services Revenues are included when DA Energy Cleared MW is less than zero.

## Hourly Calculation

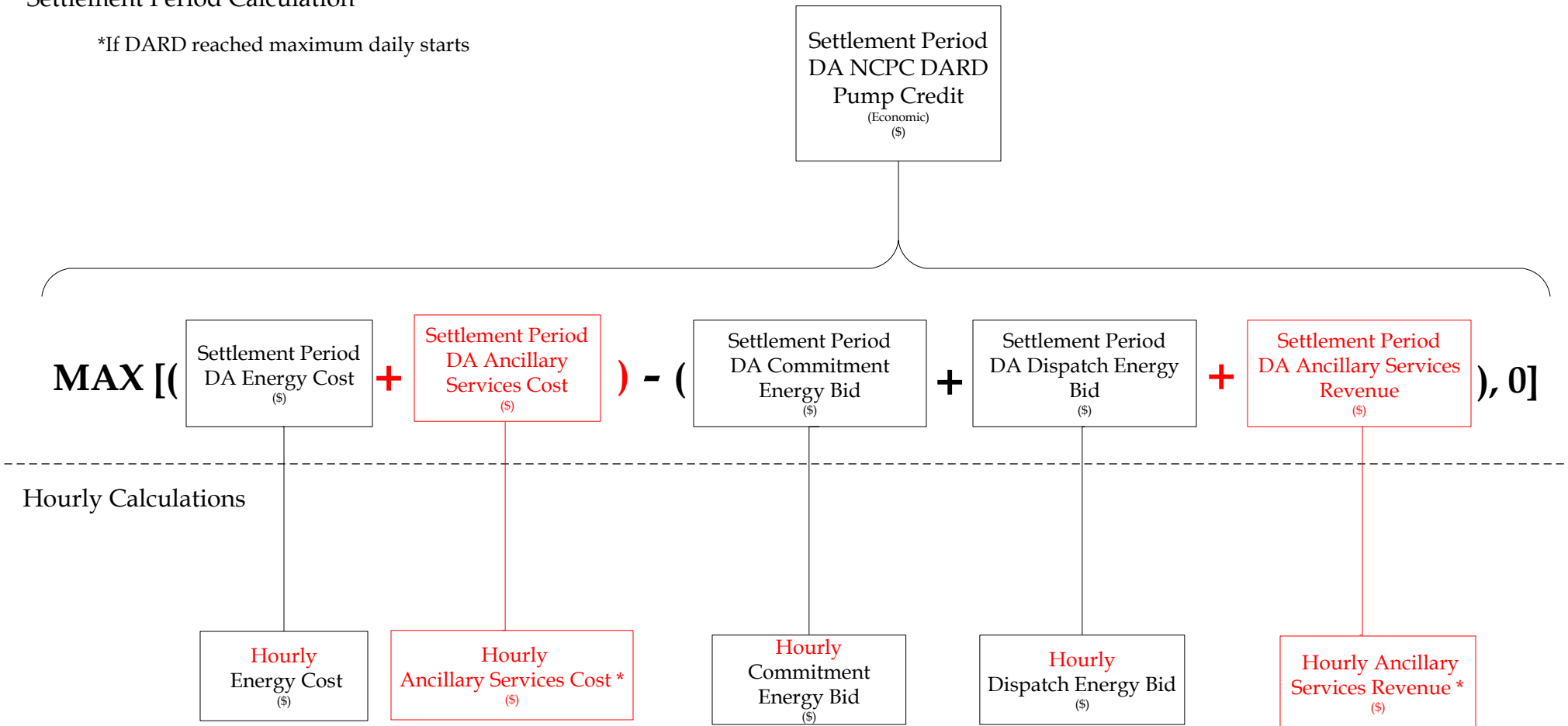
\*If DARD did not reach maximum daily starts or ESD



\* DA Ancillary Services Costs/Revenues are included when DA Energy Cleared MW is less than zero.

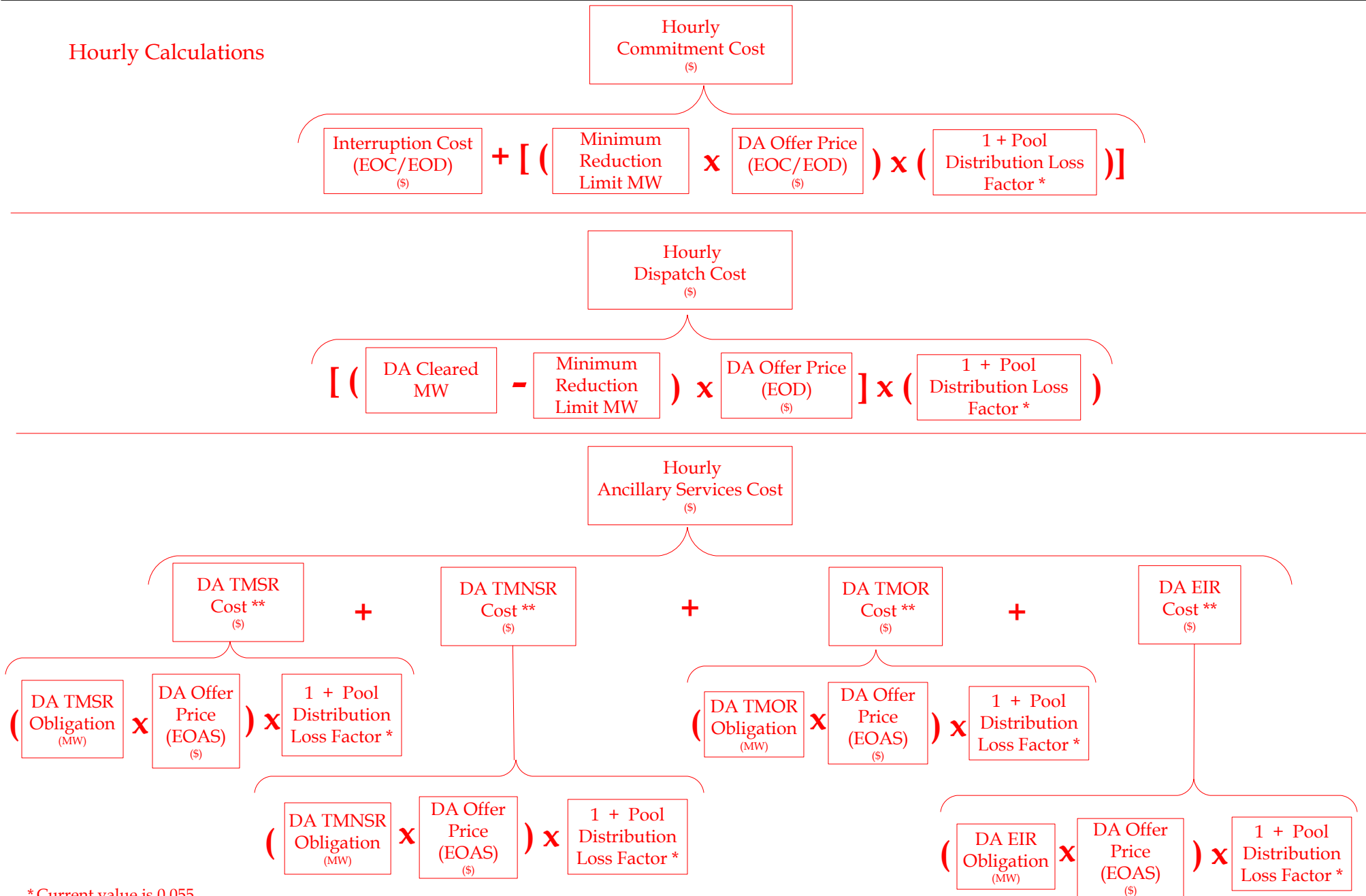
## Settlement Period Calculation

\*If DARD reached maximum daily starts



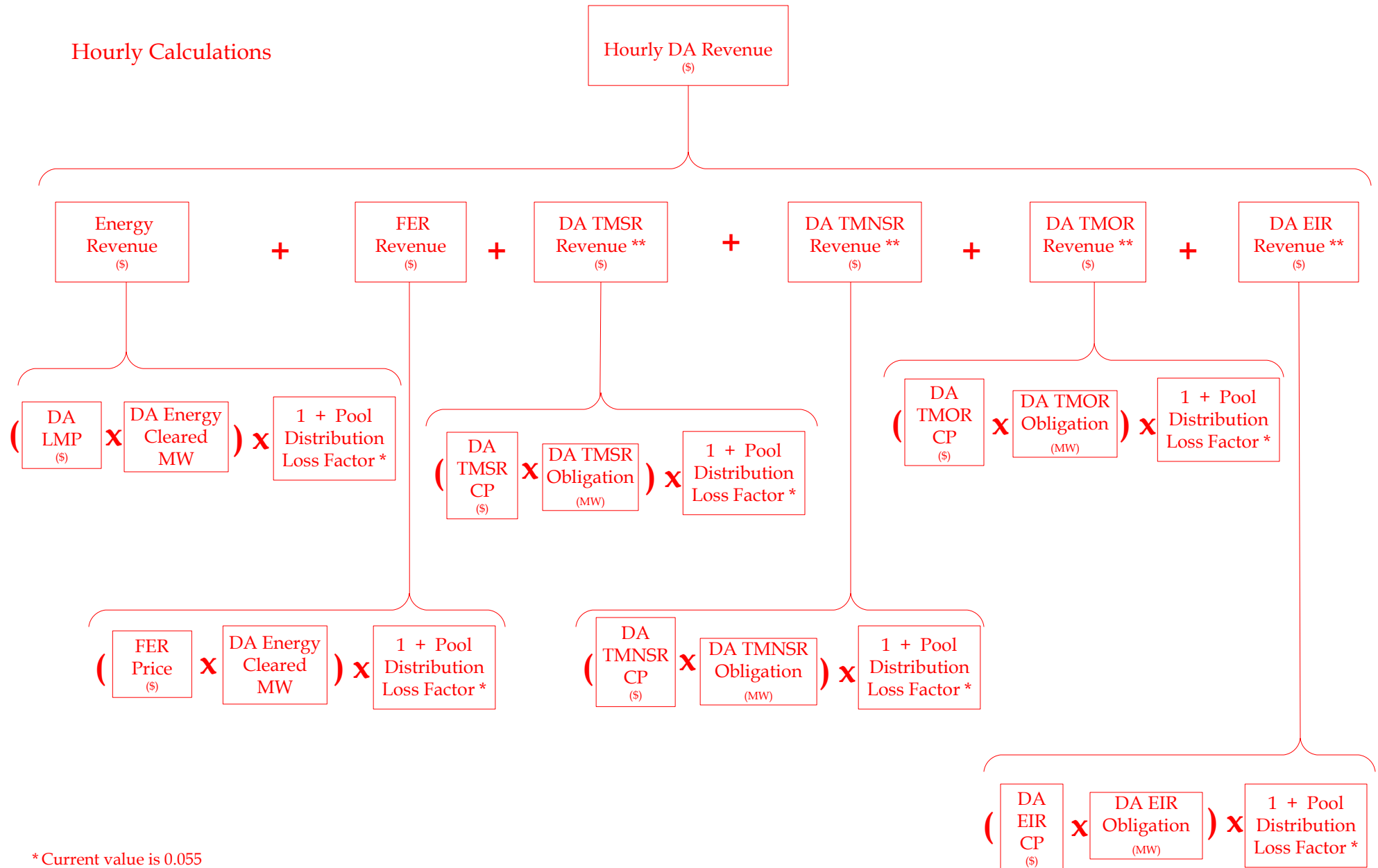
\* DA Ancillary Services Costs/Revenues are included when DA Energy Cleared MW is less than zero.

## Hourly Calculations



\* Current value is 0.055

\*\*DA Ancillary Services Costs are included when DA Energy Cleared MW is greater than zero.

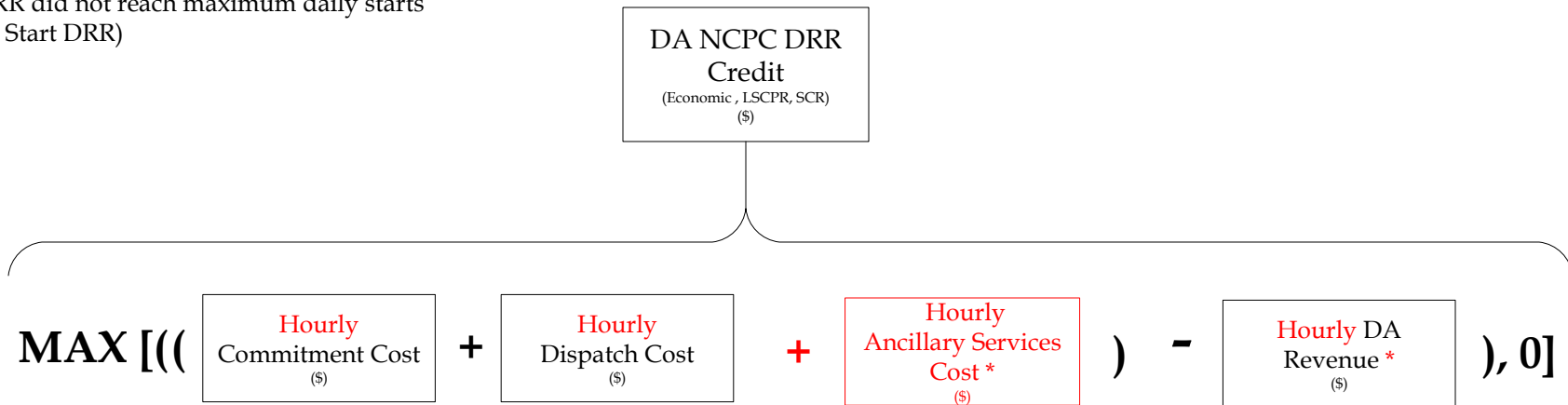


\* Current value is 0.055

\*\*DA Ancillary Services Revenues are included when DA Energy Cleared MW is greater than zero.

## Hourly Calculation

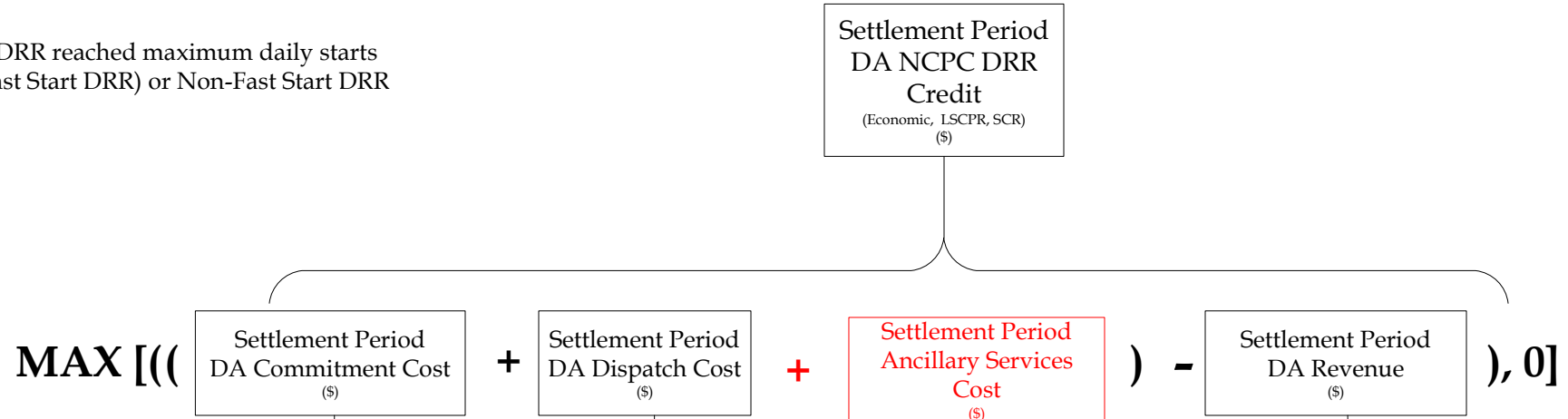
\*If DRR did not reach maximum daily starts  
(Fast Start DRR)



\* DA Ancillary Services Costs/Revenues are included when DA Energy Cleared MW is greater than zero.

## Settlement Period Calculation

\*If DRR reached maximum daily starts  
(Fast Start DRR) or Non-Fast Start DRR



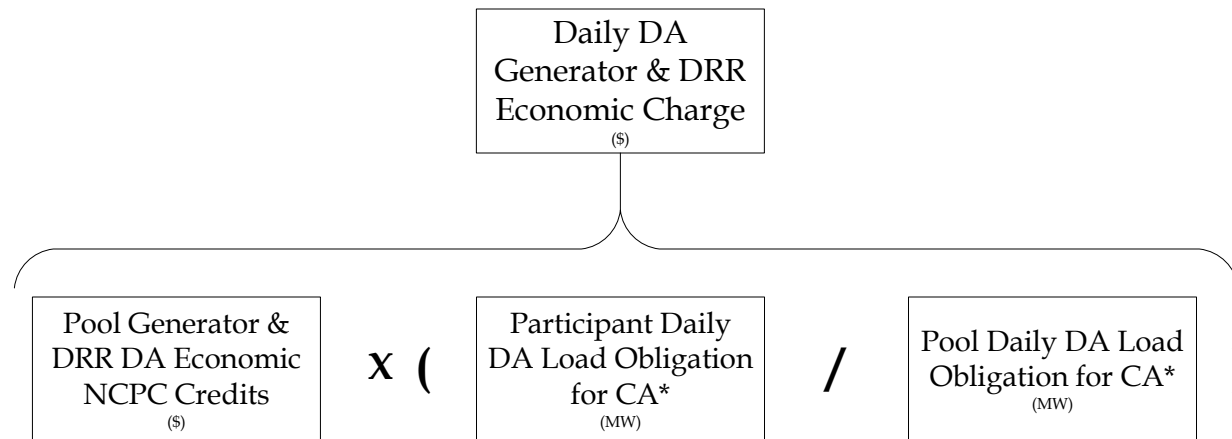
## Hourly Calculations



\* DA Ancillary Services Costs/Revenues are included when DA Energy Cleared MW is greater than zero.

**Note:** The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

## *DA Generator & DRR NCPC Economic Charge* ISO New England Calculation Summary

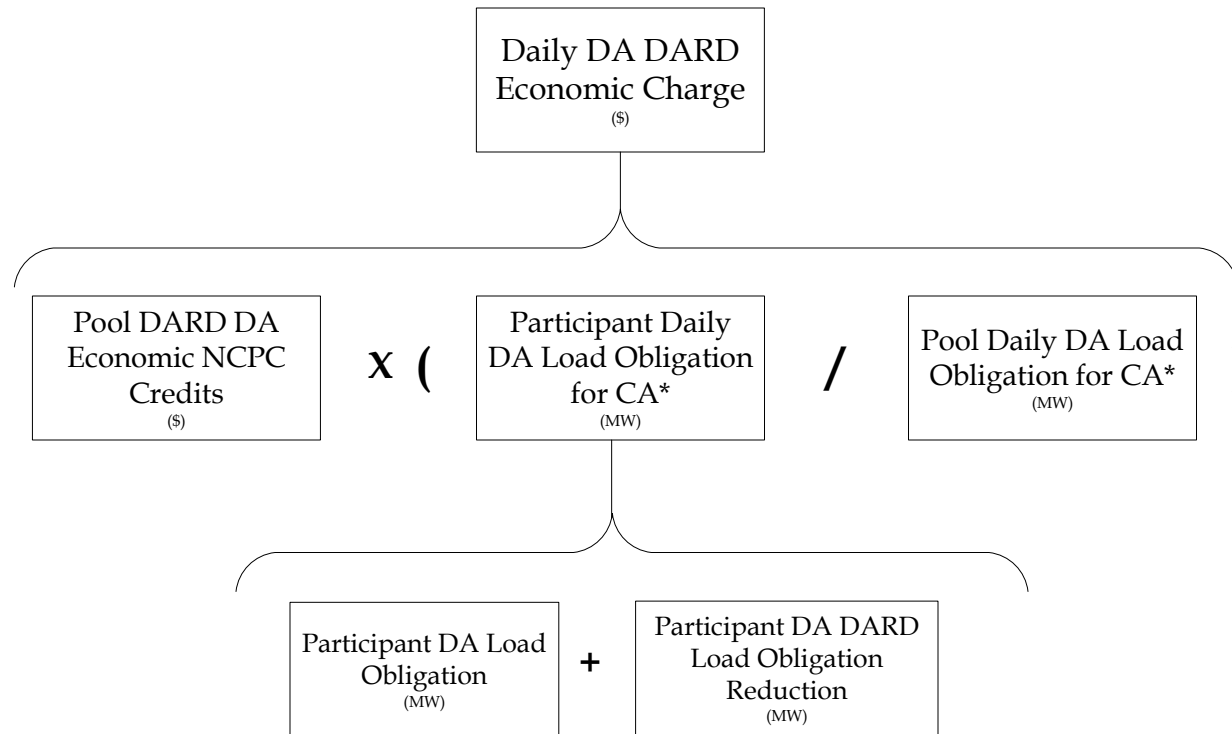


\*Excludes Coordinated External Transactions



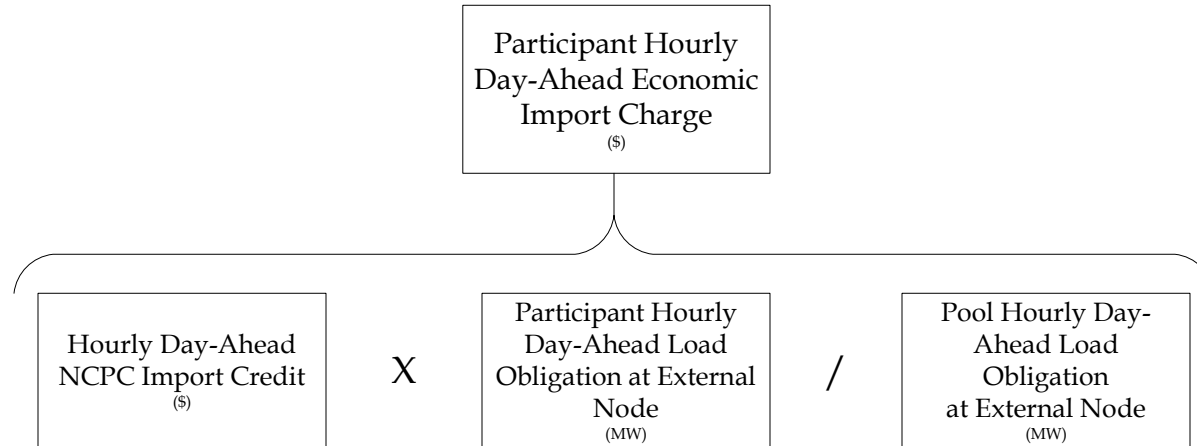
**Note:** The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

## DA DARD NCPC Economic Charge ISO New England Calculation Summary

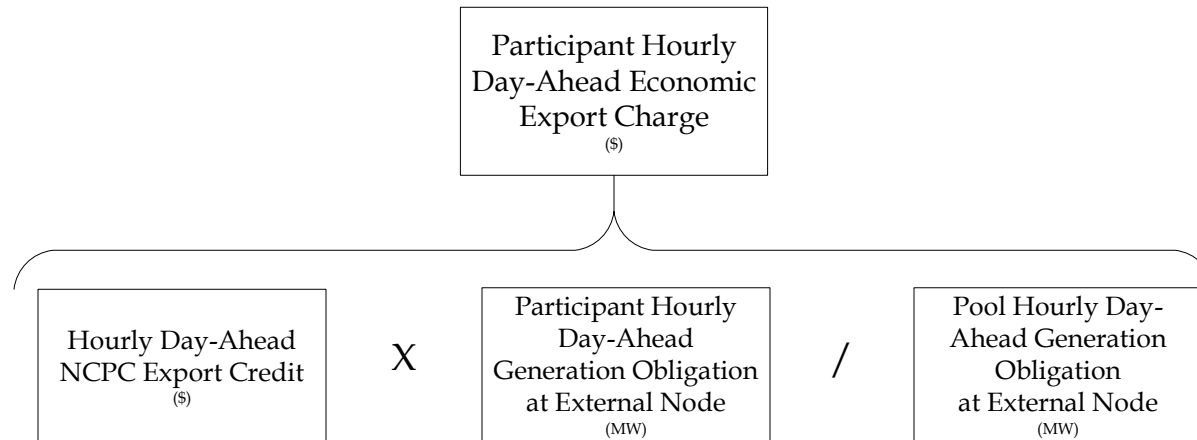


\*Excludes Coordinated External Transactions

## IMPORTS

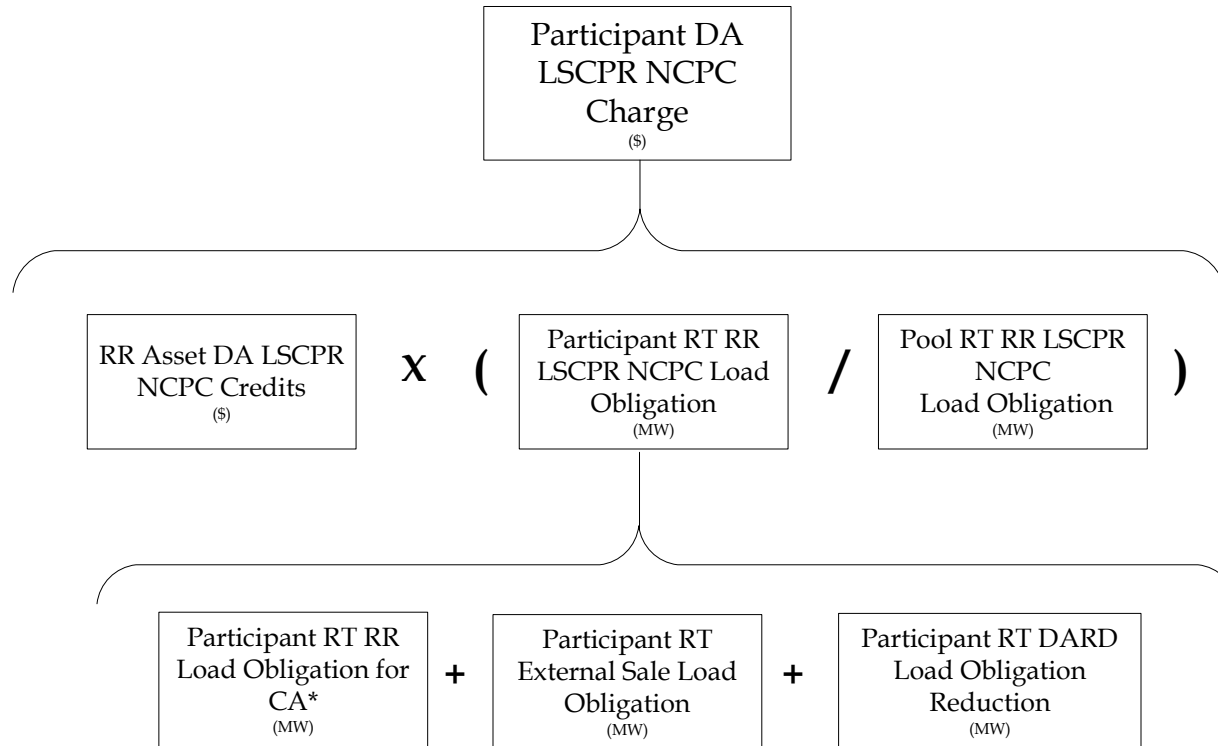


## EXPORTS



**Note:** The relevant ISO New England Markets, Services and Transmission Tariff and the relevant Market Manuals, Operating Procedures and Planning Procedures shall govern.

## DA NCPC LSCPR Charge ISO New England Calculation Summary



\*Excludes Coordinated External Transactions