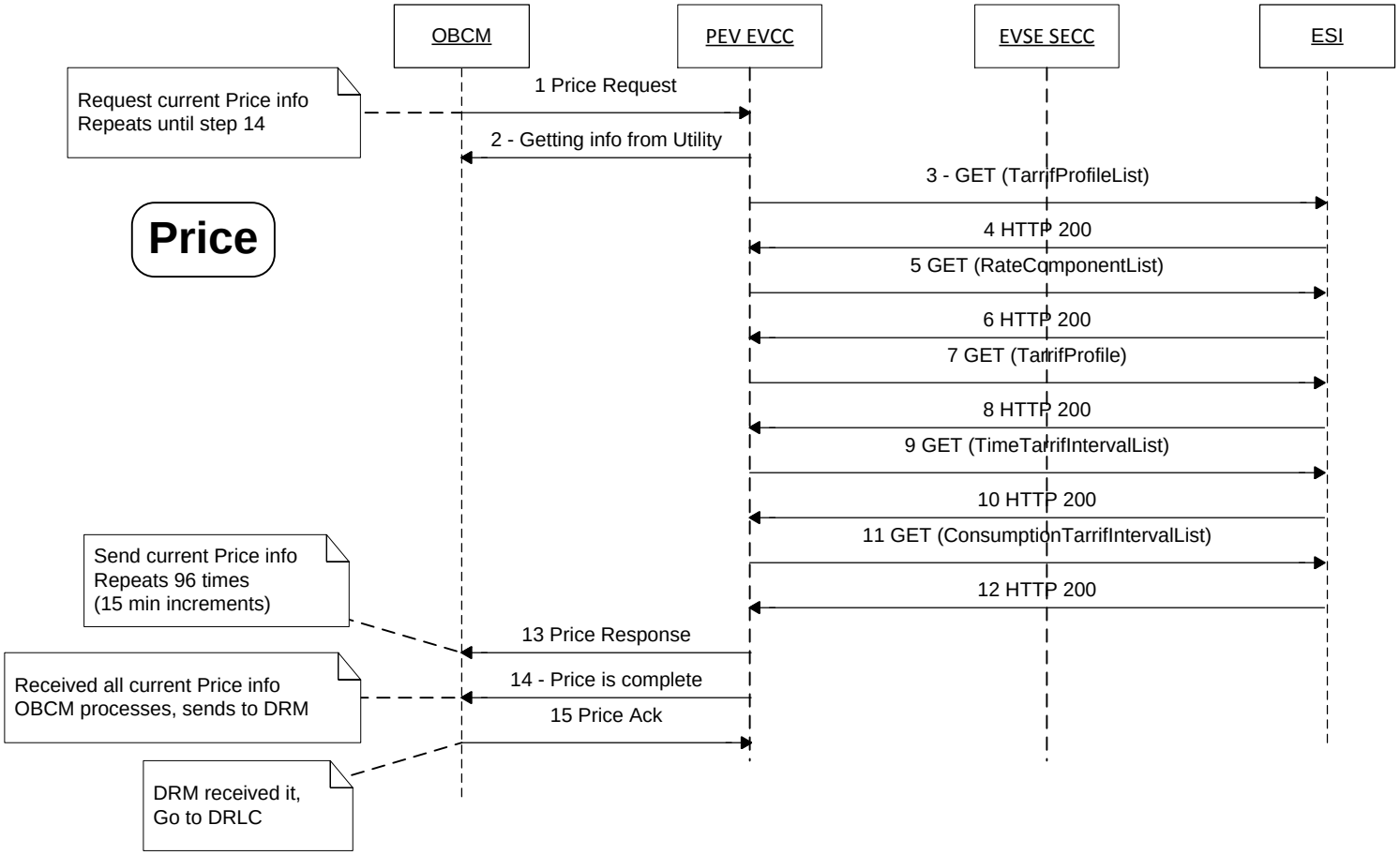
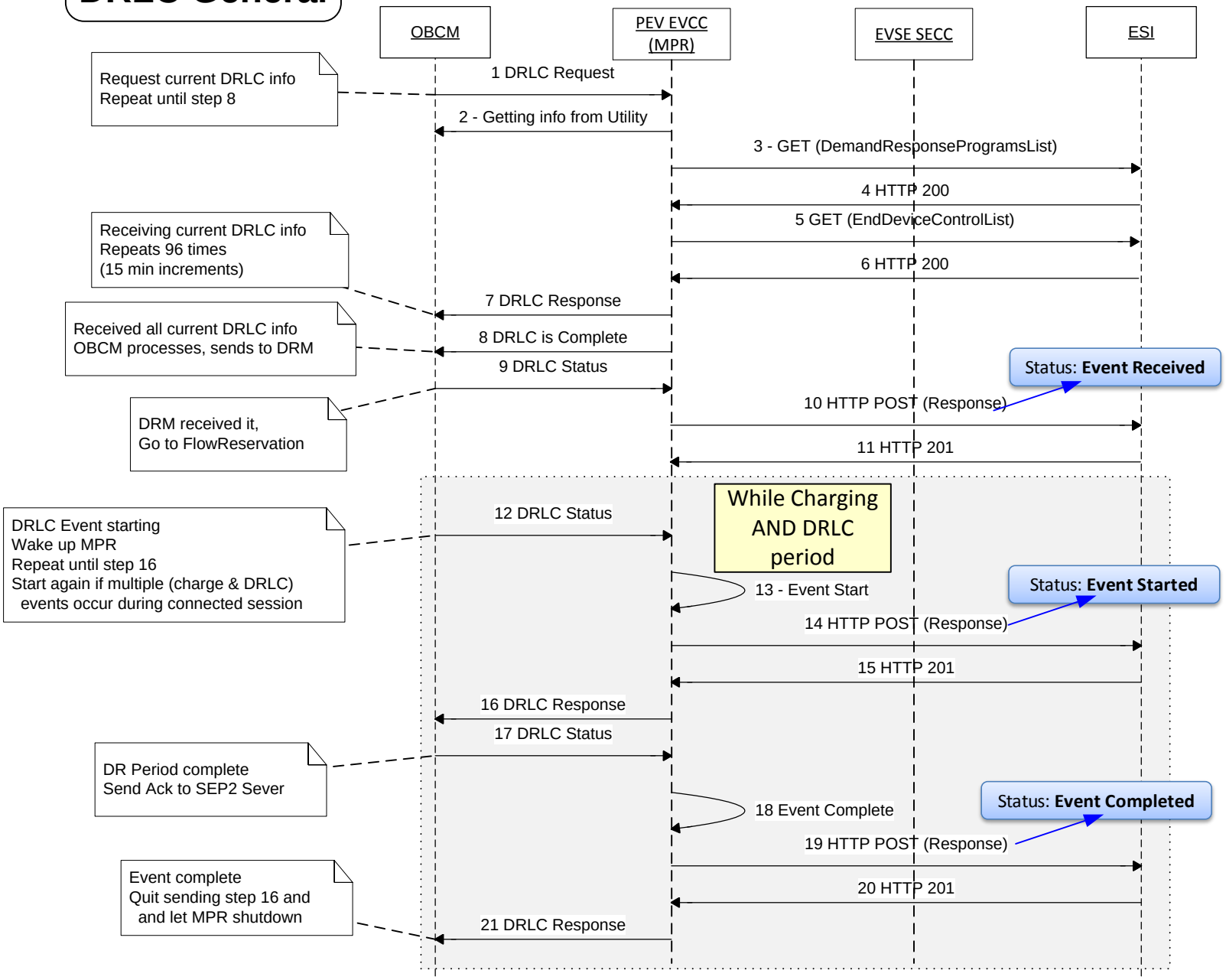

OBCM
PEV EVCC
EVSE SECC
ESI
Request current Price info
Repeats until step 14
1 Price Request
2 - Getting info from Utility
3 - GET (TarrifProfileList)
Price
4 HTTP 200
5 GET (RateComponentList)
6 HTTP 200
7 GET (TarrifProfile)
8 HTTP 200
9 GET (TimeTarrifIntervalList)
10 HTTP 200
11 GET (ConsumptionTarrifIntervalList)
Send current Price info
Repeats 96 times
(15 min increments)
12 HTTP 200
13 Price Response
Received all current Price info
OBCM processes, sends to DRM
14 - Price is complete
15 Price Ack
DRM received it,
Go to DRLC

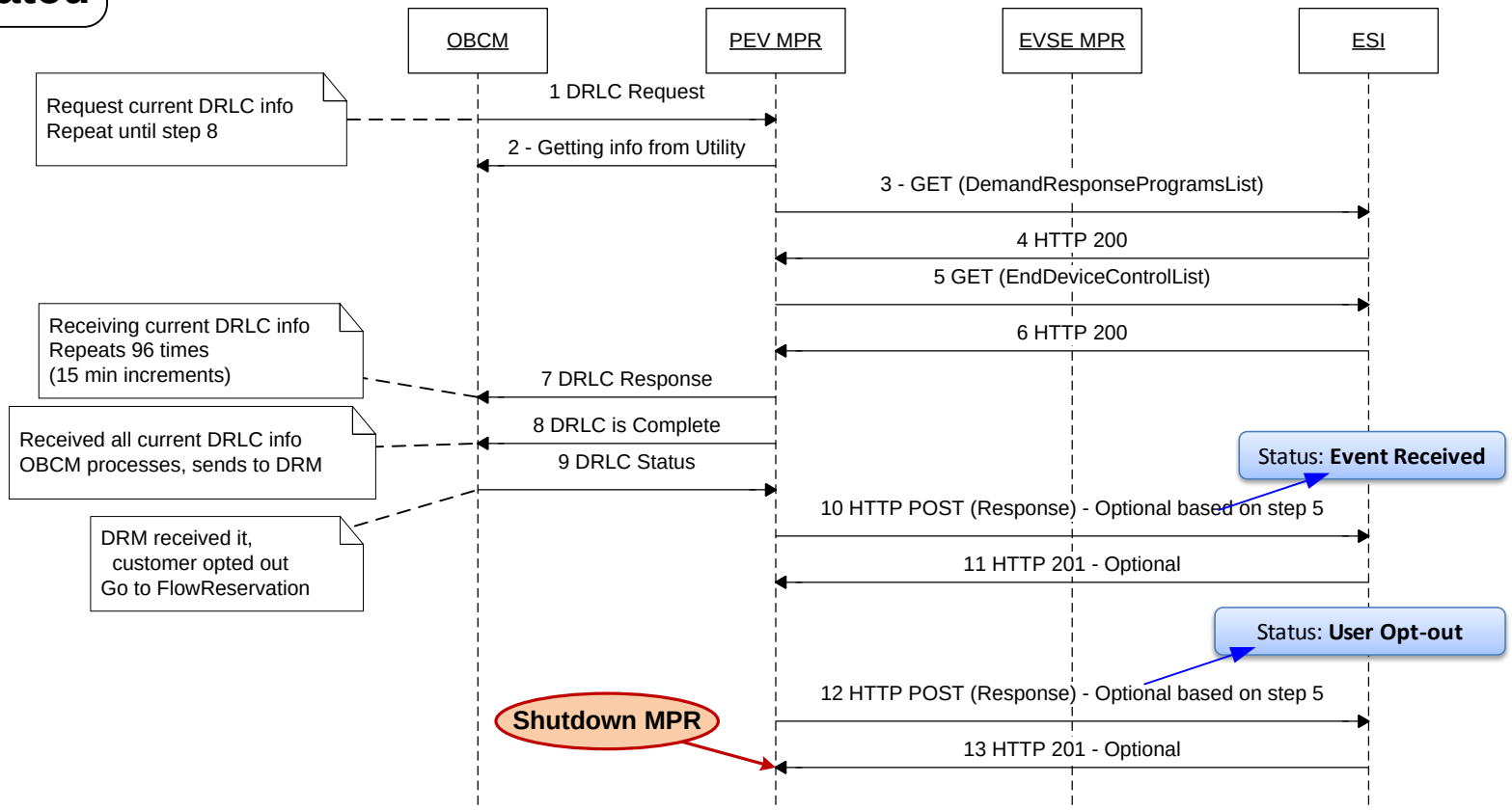
# DRLC General



# DRLC Opt-out 1

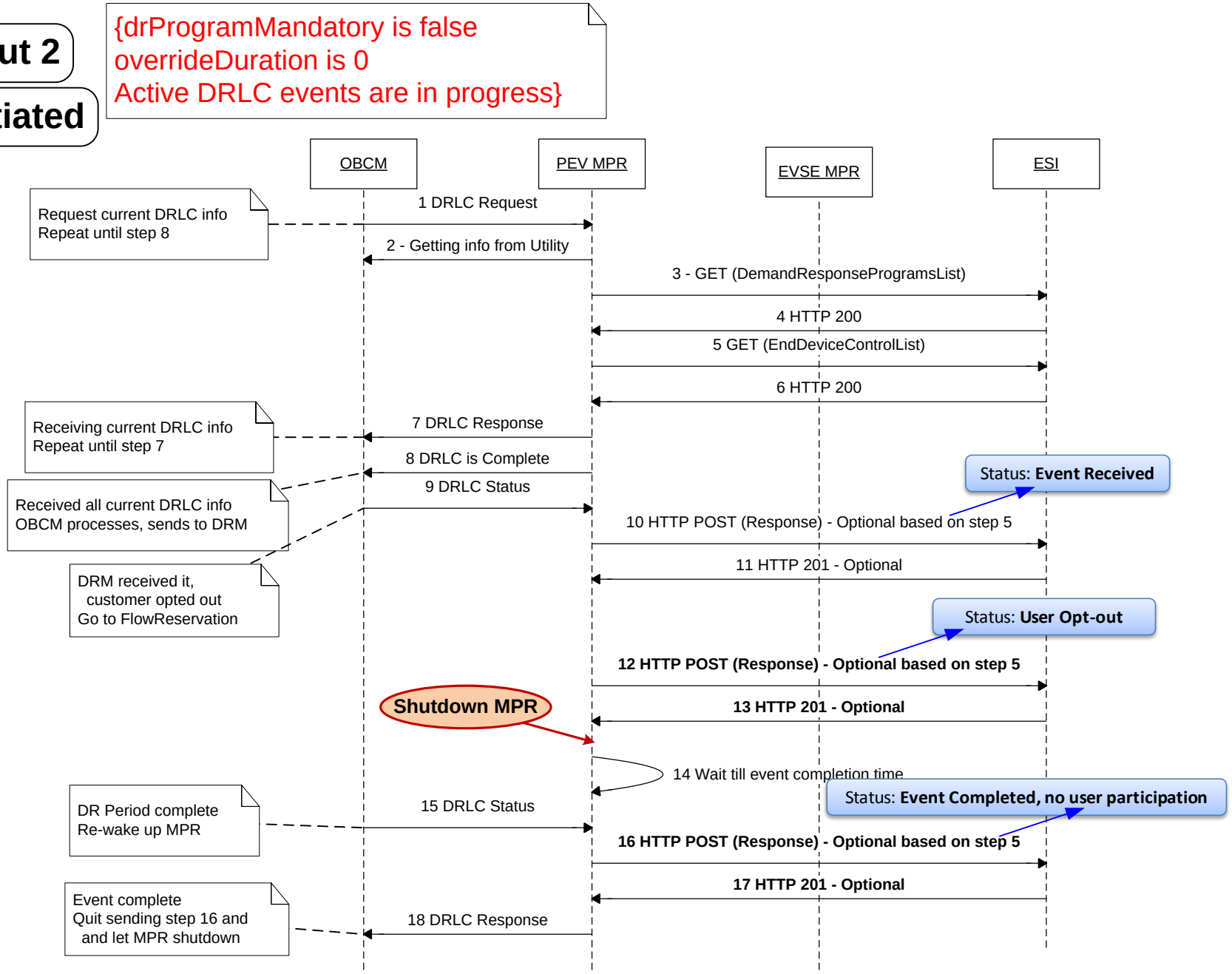
# Customer Initiated

{drProgramMandatory is false
overrideDuration is 0
No Active DRLC events are in progress}

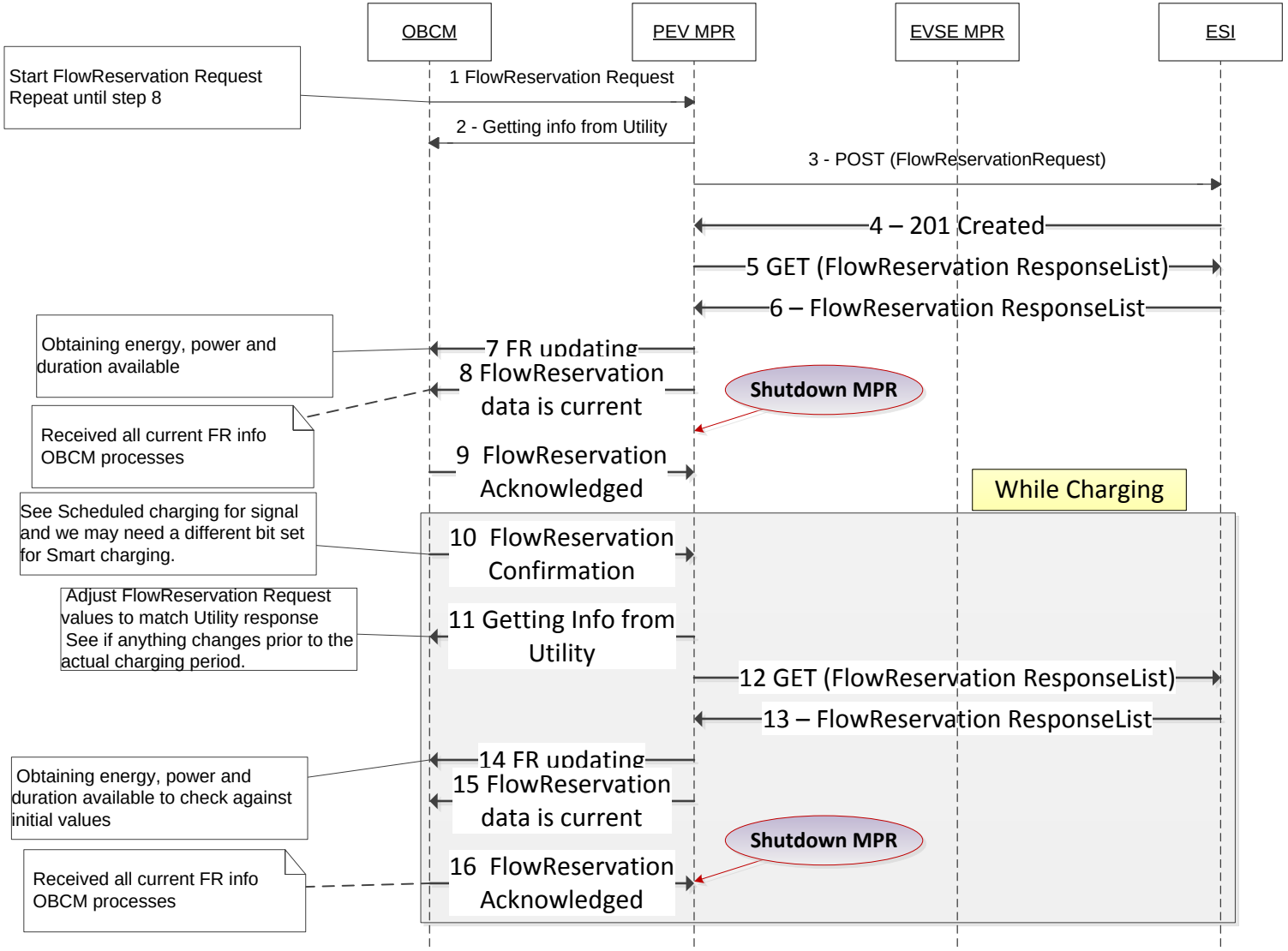


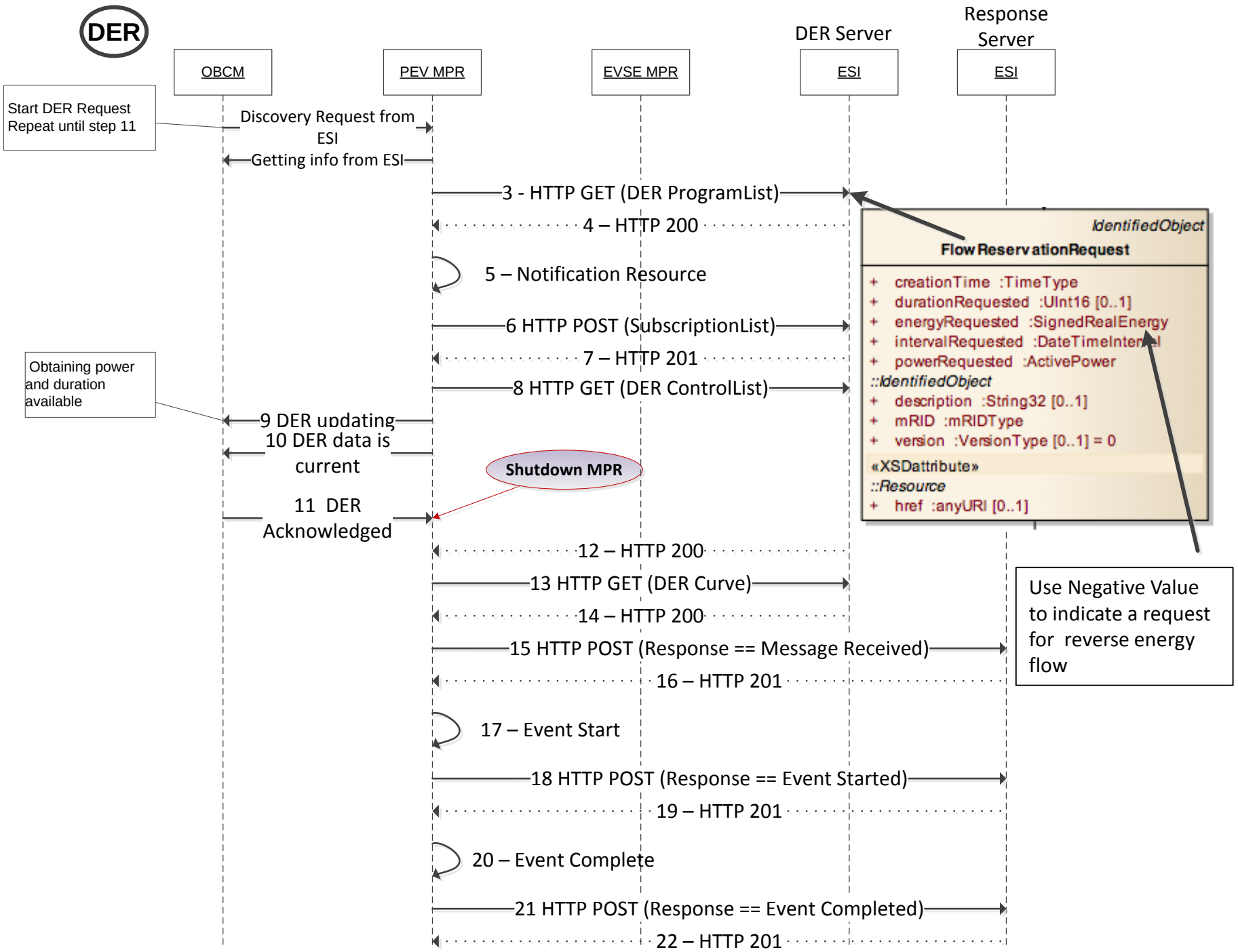
# DRLC Opt-out 2

# Customer Initiated



# FlowReservation




DER
OBCM
PEV MPR
EVSE MPR
DER Server
ESI
Response Server
ESI
Start DER Request
Repeat until step 11
Discovery Request from ESI
Getting info from ESI
3 - HTTP GET (DER ProgramList)
4 – HTTP 200
5 – Notification Resource
6 HTTP POST (SubscriptionList)
7 – HTTP 201
8 HTTP GET (DER ControlList)
Obtaining power and duration available
9 DER updating
10 DER data is current
Shutdown MPR
11 DER Acknowledged
12 – HTTP 200
13 HTTP GET (DER Curve)
14 – HTTP 200
15 HTTP POST (Response == Message Received)
16 – HTTP 201
17 – Event Start
18 HTTP POST (Response == Event Started)
19 – HTTP 201
20 – Event Complete
21 HTTP POST (Response == Event Completed)
22 – HTTP 201
IdentifiedObject
FlowReservationRequest
+ creationTime :TimeType
+ durationRequested :UInt16 [0..1]
+ energyRequested :SignedRealEnergy
+ intervalRequested :DateTimeInterval
+ powerRequested :ActivePower
::IdentifiedObject
+ description :String32 [0..1]
+ mRID :mRIDType
+ version :VersionType [0..1] = 0
«XSDattribute»
::Resource
+ href :anyURI [0..1]
Use Negative Value to indicate a request for reverse energy flow