



Review of Commercial Impacts of DC Tie Curtailments

QMWG

November 12, 2018

Market Analysis

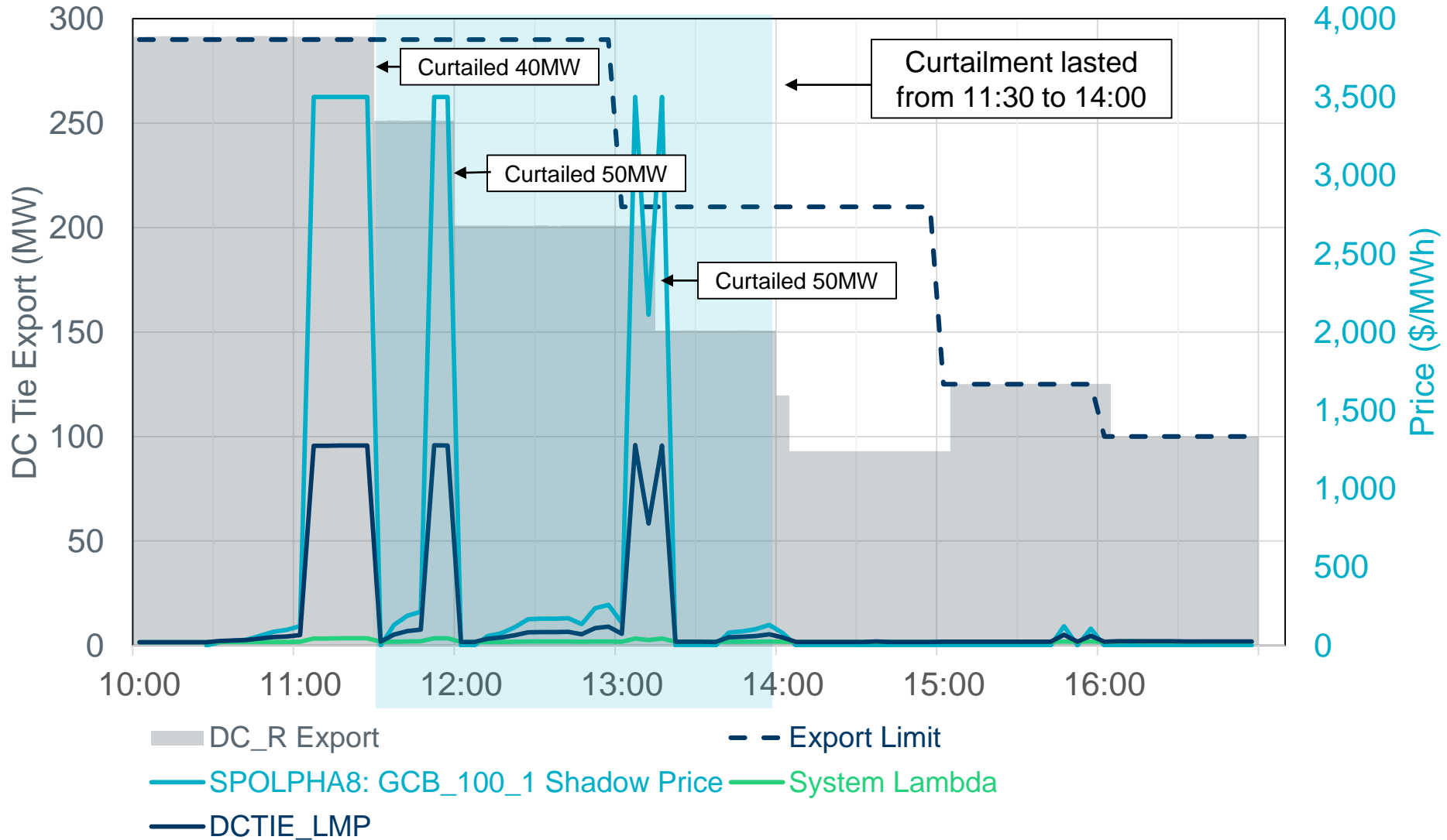
DC Tie Tag Curtailments – September 2018

- There were 7 DC tie tag curtailment events
 - 2 were due to local congestion
 - 5 were due to forced outages
- Transmission watches were declared during all 7 events

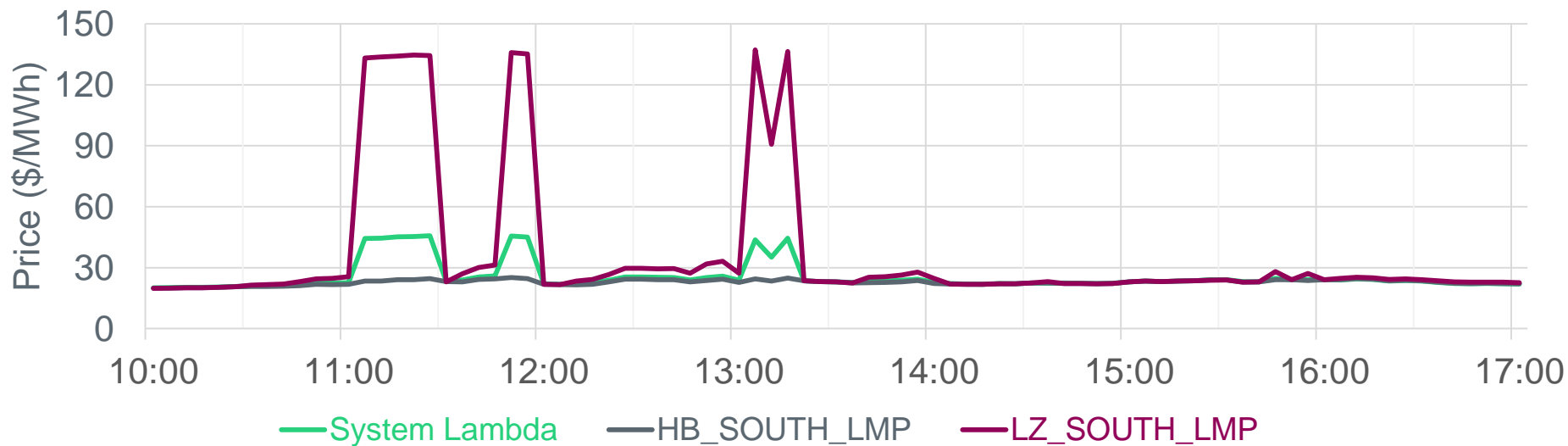
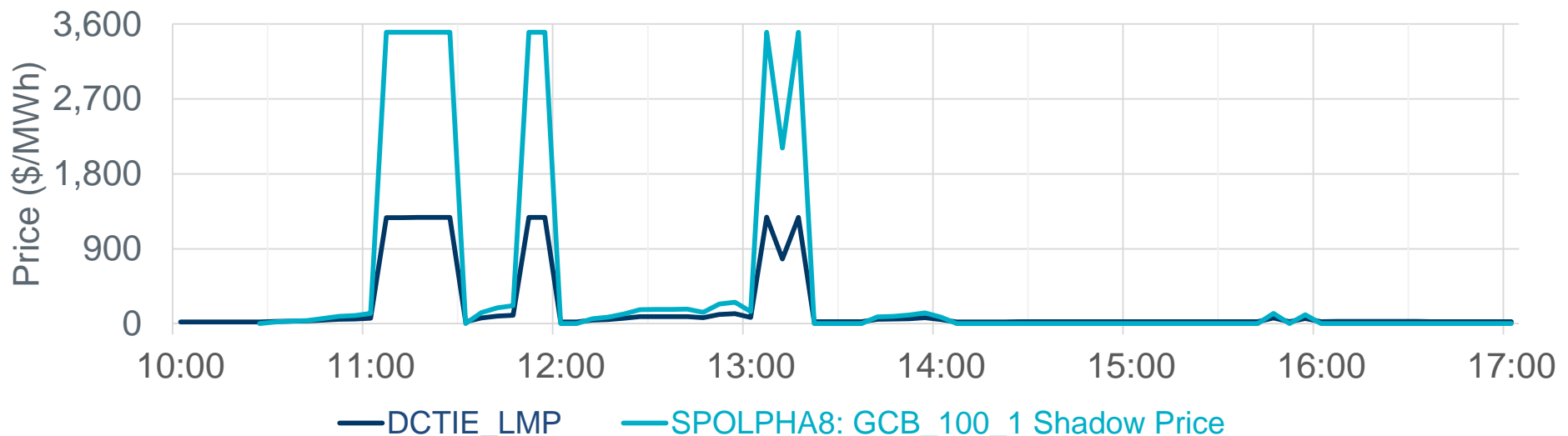
DC Tie Tag Curtailments – September 2018

Date	DC Tie	Curtailing Period	# of Tags Curtailed	Initiating Event	Curtailment Reason
9/3/2018	DC-R	HE 12:00 – HE 14:00	1	SPOLPHA8, loss of the Polk Ave to N. Pharr 138 kV overloads the N McAllen to W McAllen 138 kV.	Local Congestion
9/4/2018	DC-R	HE 11:00	1	SPOLPHA8, loss of the Polk Ave to N. Pharr 138 kV overloads the N McAllen to W McAllen 138 kV.	Local Congestion
9/5/2018	DC-L	HE 08:00 – HE 13:00	6	Unknown reason	DC Tie Forced Outage
9/14/2018	DC-S	HE 21:00 – HE 24:00	5	138kV breaker issue	DC Tie Forced Outage
9/15 /2018	DC-S	HE 01:00 – HE 24:00	3	138kV breaker issue	DC Tie Forced Outage
9/21/2018	DC-S	HE 22:00 – HE 24:00	2	138kV breaker issue	DC Tie Forced Outage
9/24/2018	DC-S	HE 20:00 – HE 24:00	4	138kV breaker issue	DC Tie Forced Outage

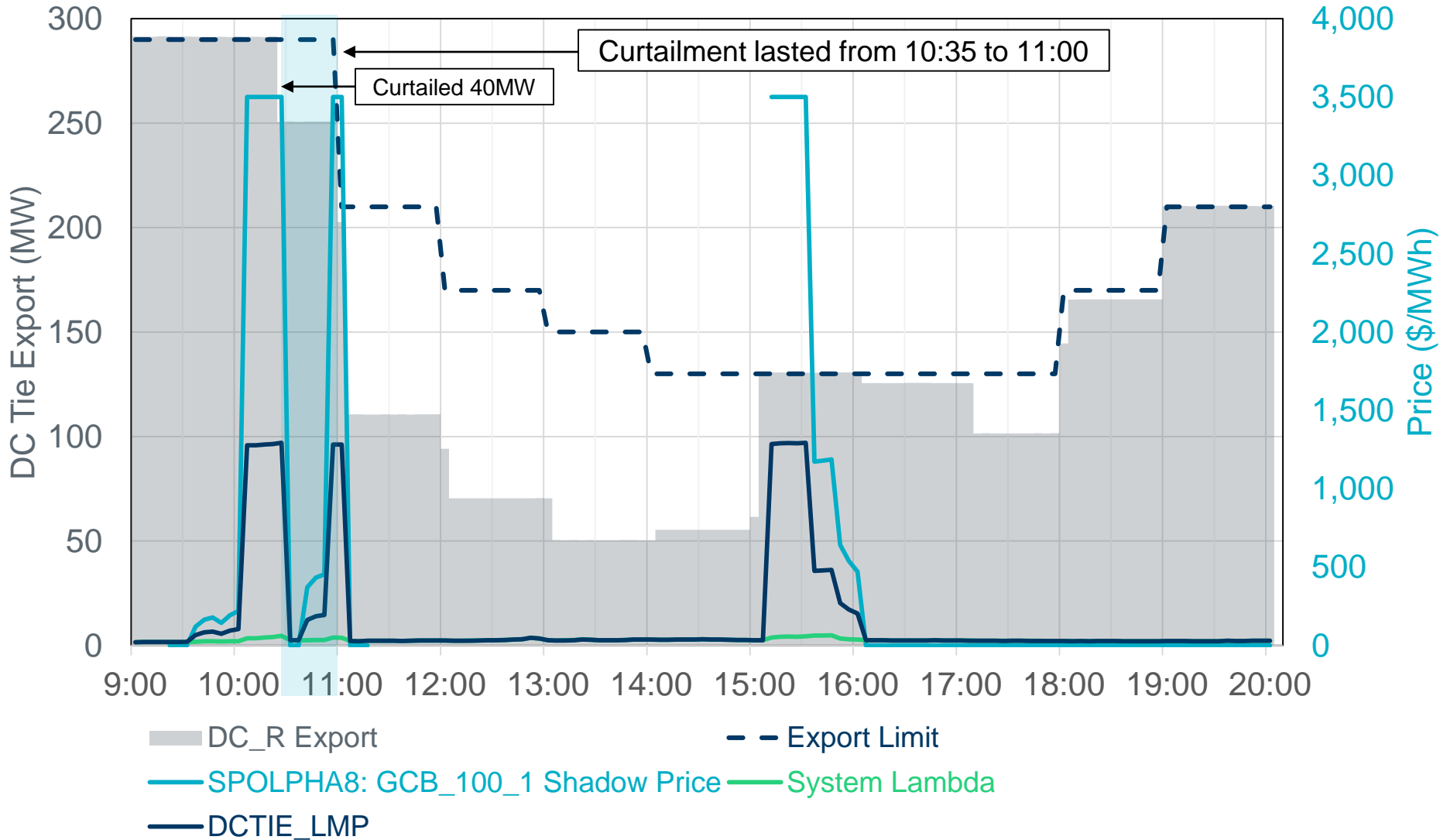
9/3/2018 Curtailment of DC-R



9/3/2018 LMPs Related to DC-R Curtailment



9/4/2018 Curtailment of DC-R



9/4/2018 LMPs Related to DC-R Curtailment

