Model Accuracy

Overview

- Model accuracy is the result of running the forecast model with up-to-date inputs, solving with actual weather and comparing to actual load.
- Each forecast run differs only in the estimation periods used to solve the sector and non-weather sensitive model, and final forecast model. Each run thus answers the question how well would the model have performed had we known what we do today for the forecast inputs.
  - For all runs, inputs are from Moody's Analytics September 2020 forecast vintage and the 2020 Itron end-use inputs (consistent with the EIA 2020 Annual Energy Outlook).

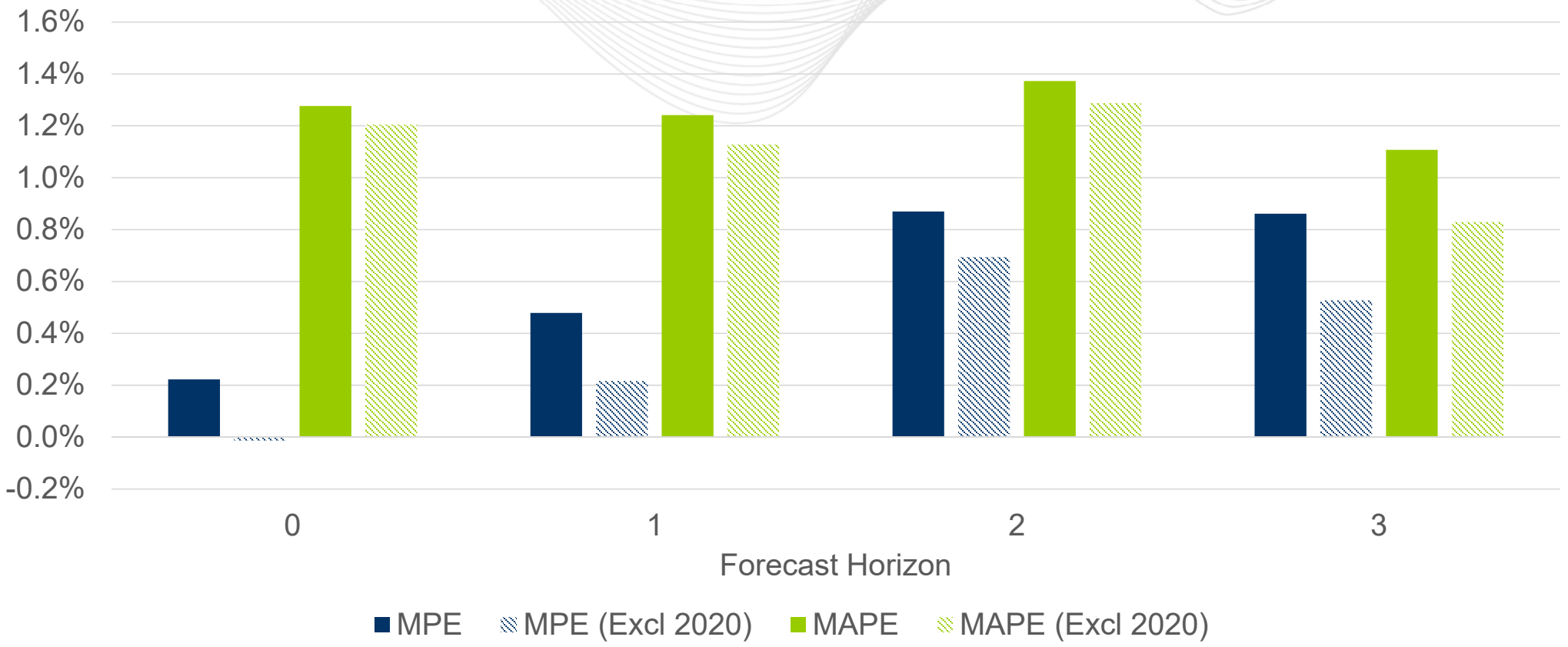
Overview

- Summary of runs:

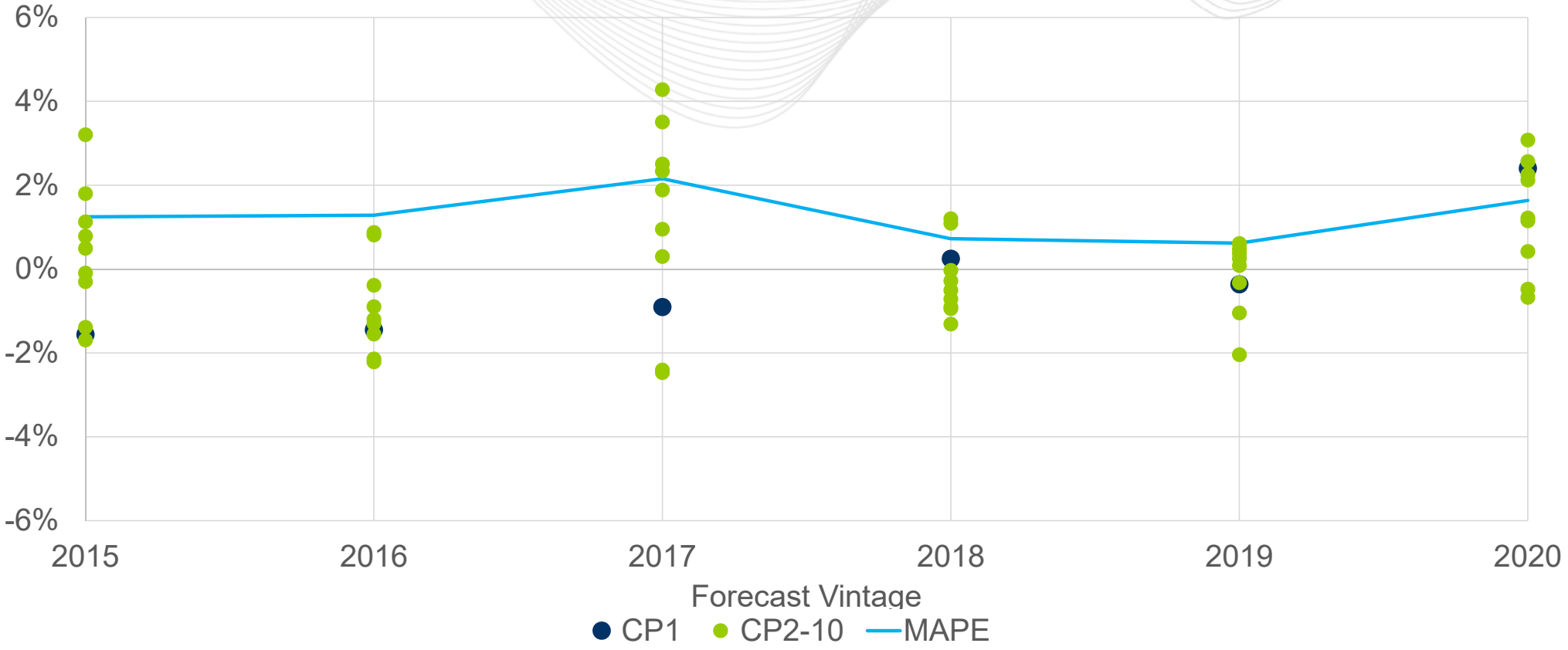
	Estimation Period		
Forecast Vintage	Sector Models (Annual)	Non-Weather Sensitive Model	Final Forecast Model
2015	1998-2013	1/1/1998-8/31/2014	1/1/2005-8/31/2014
2016	1998-2014	1/1/1998-8/31/2015	1/1/2006-8/31/2015
2017	1998-2015	1/1/1998-8/31/2016	1/1/2007-8/31/2016
2018	1998-2016	1/1/1998-8/31/2017	1/1/2008-8/31/2017
2019	1998-2017	1/1/1998-8/31/2018	1/1/2009-8/31/2018
2020	1998-2018	1/1/1998-8/31/2019	1/1/2010-8/31/2019

Summer

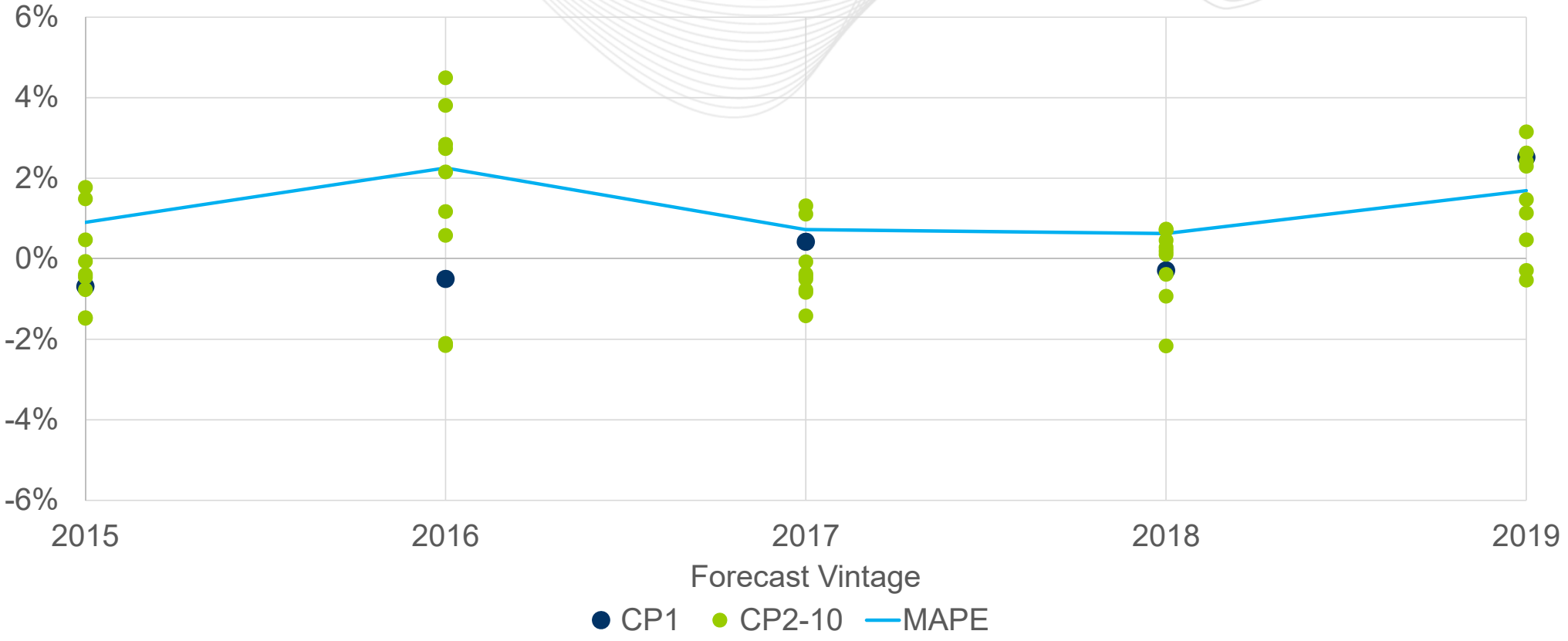
Summer Summary – Model Accuracy on 10 CPs



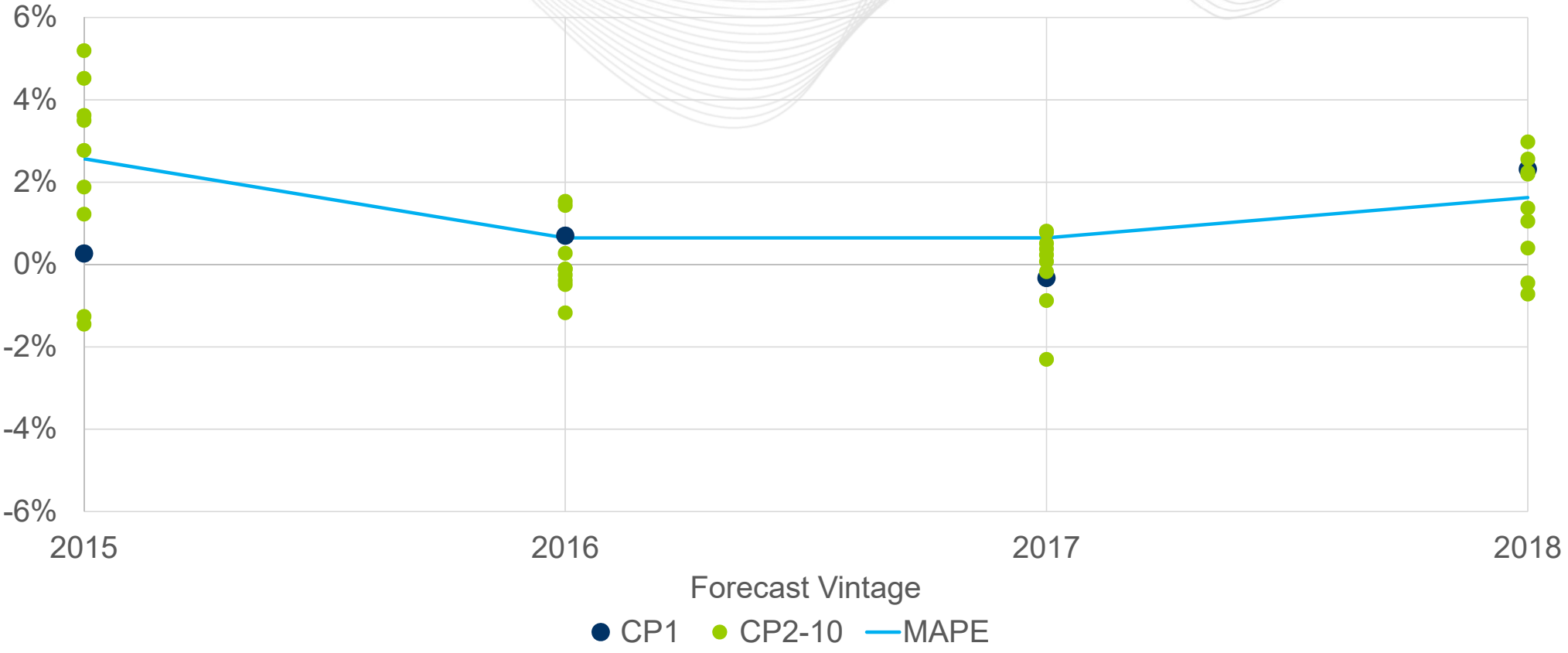
Summer – Zero Year Forecast Horizon



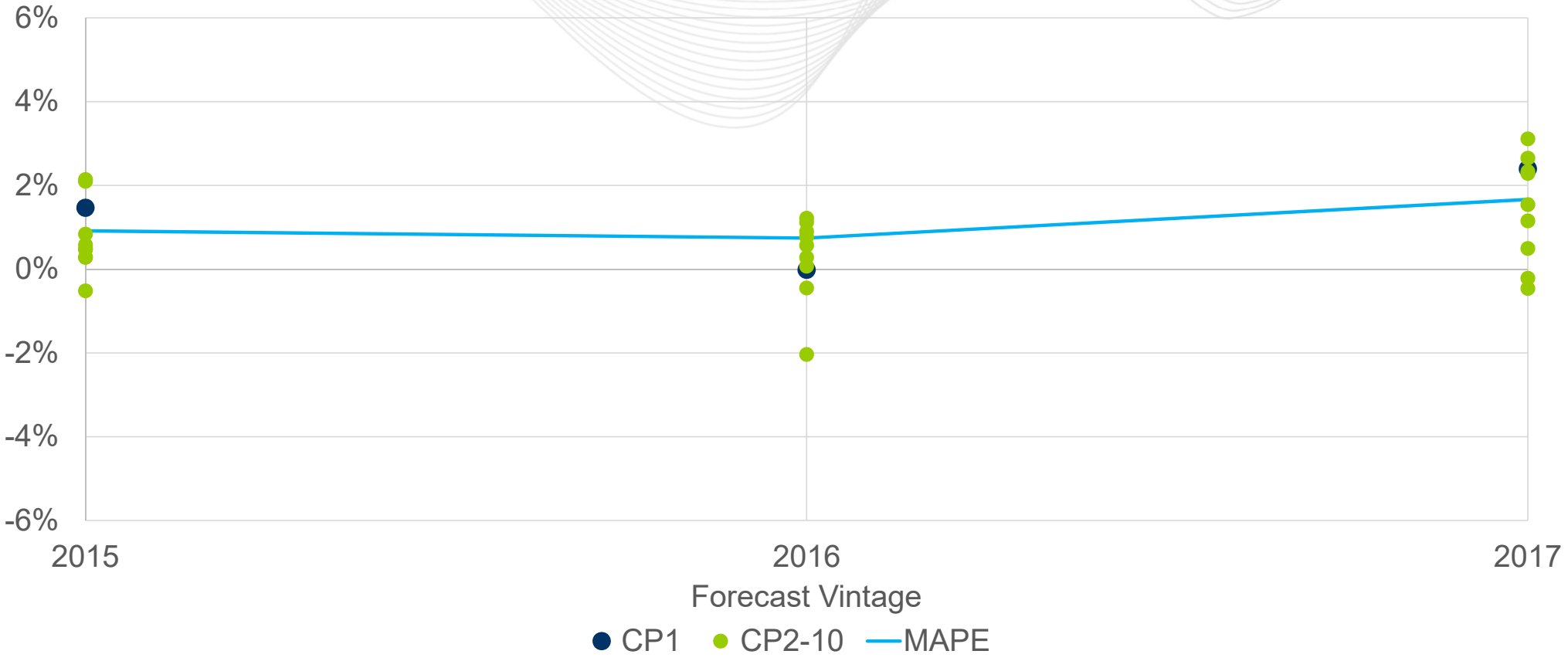
Summer – One Year Forecast Horizon



Summer – Two Year Forecast Horizon

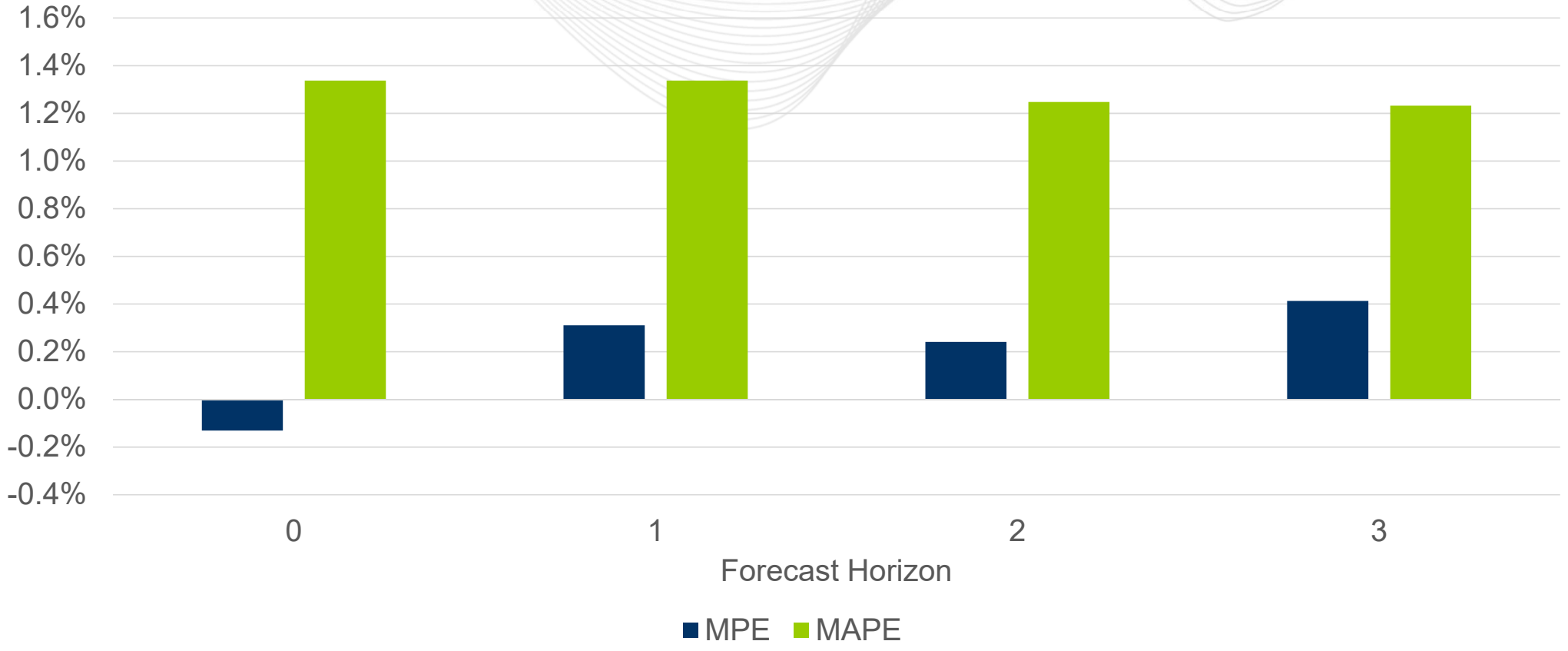


Summer – Three Year Forecast Horizon

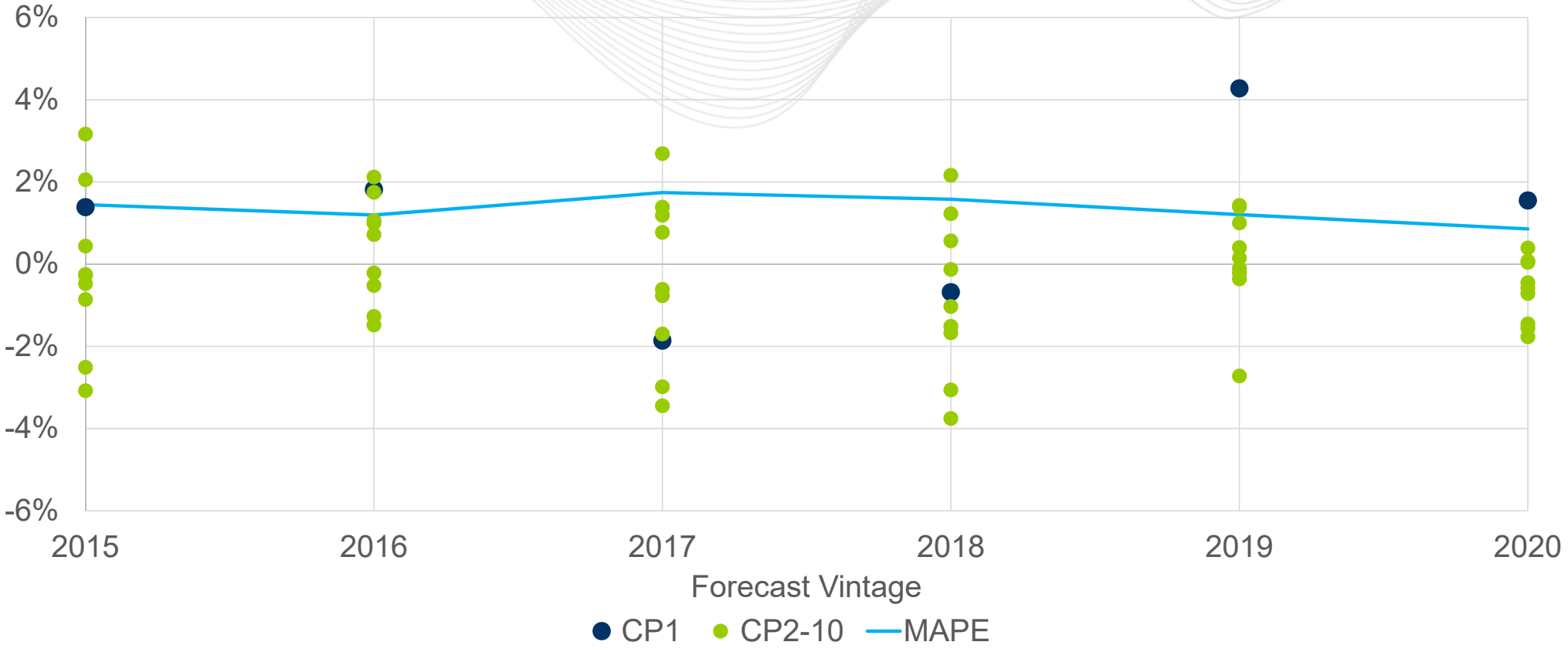


Winter

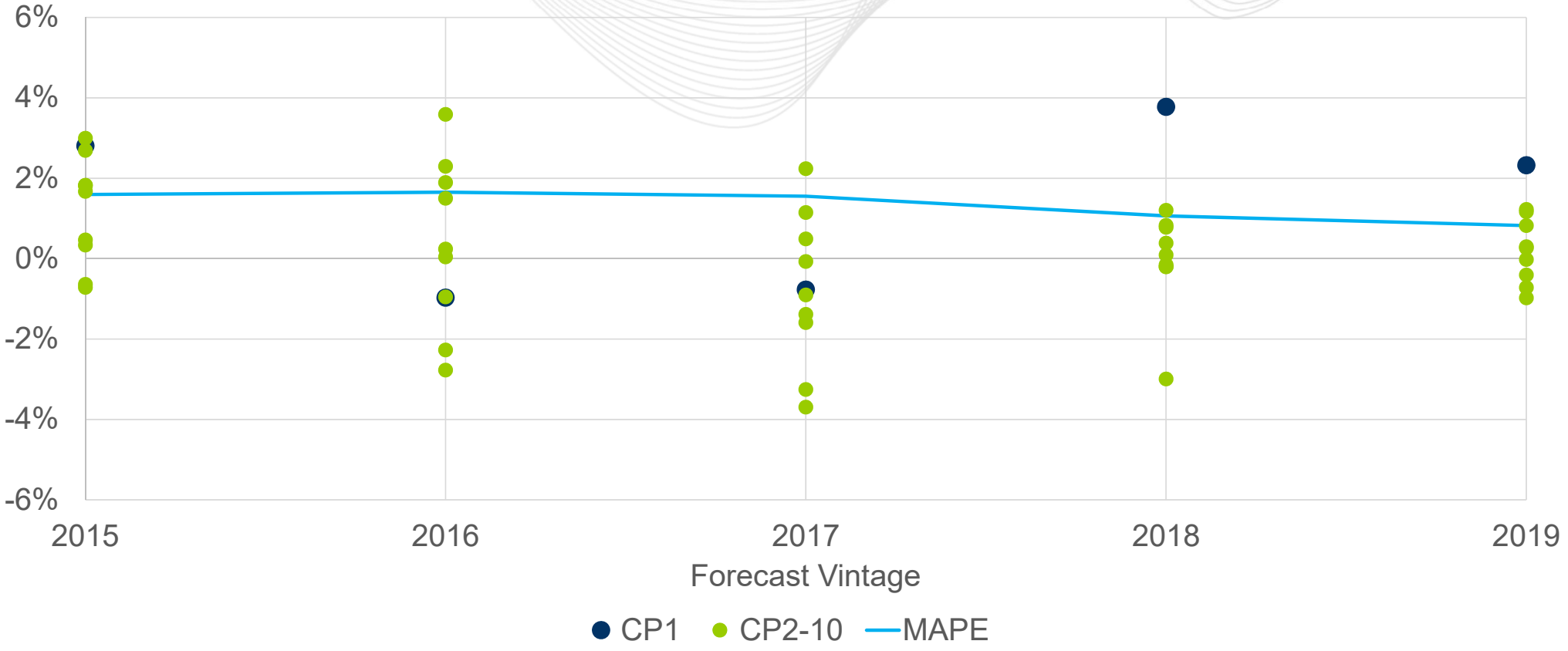
Winter Summary – Model Accuracy on 10 CPs



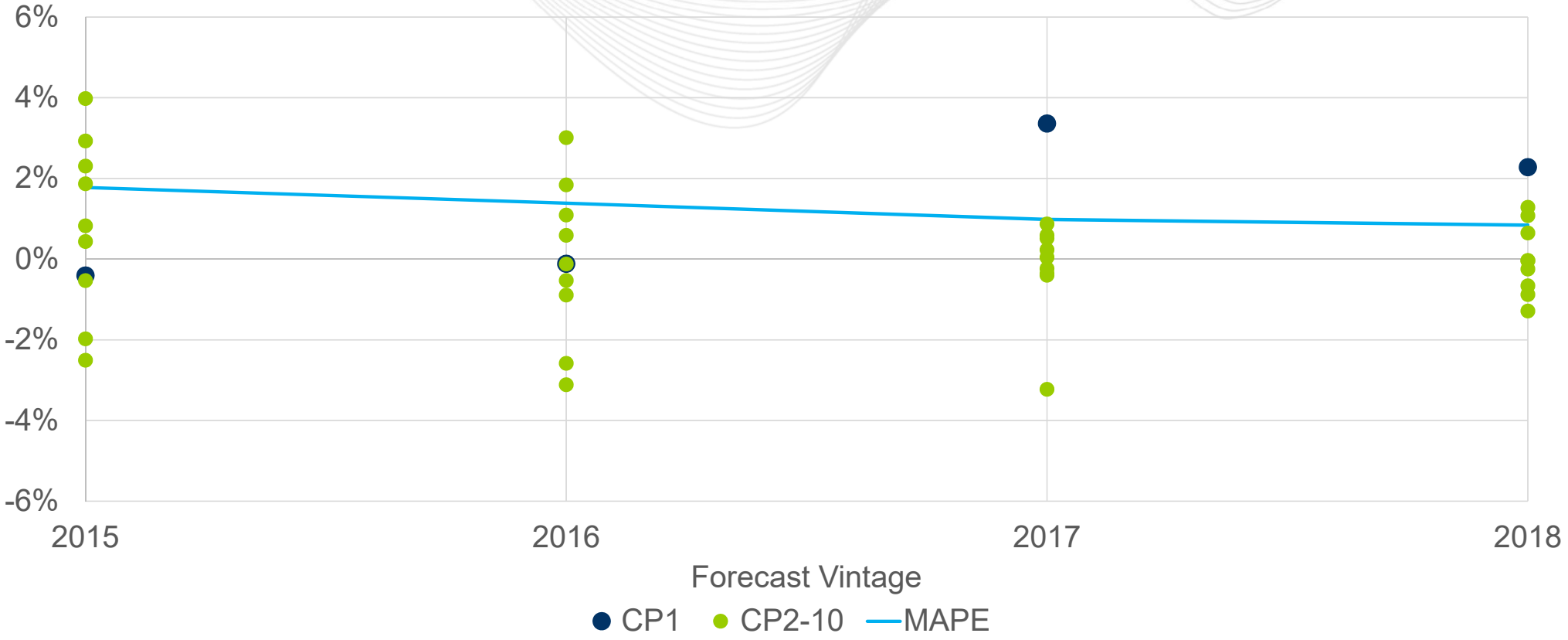
Winter – Zero Year Forecast Horizon



Winter – One Year Forecast Horizon



Winter – Two Year Forecast Horizon



Winter – Three Year Forecast Horizon