

Oferta e demanda do setor elétrico brasileiro



Safira Energia – Alguns números

- Atuação desde **2008**
- Comercialização: **+ de 3,5 GW méd**
- Consultoria **+ de 3 MW méd**
- Gestão de representação: **20 a 30% de economia**



Sumário

Panorama atual

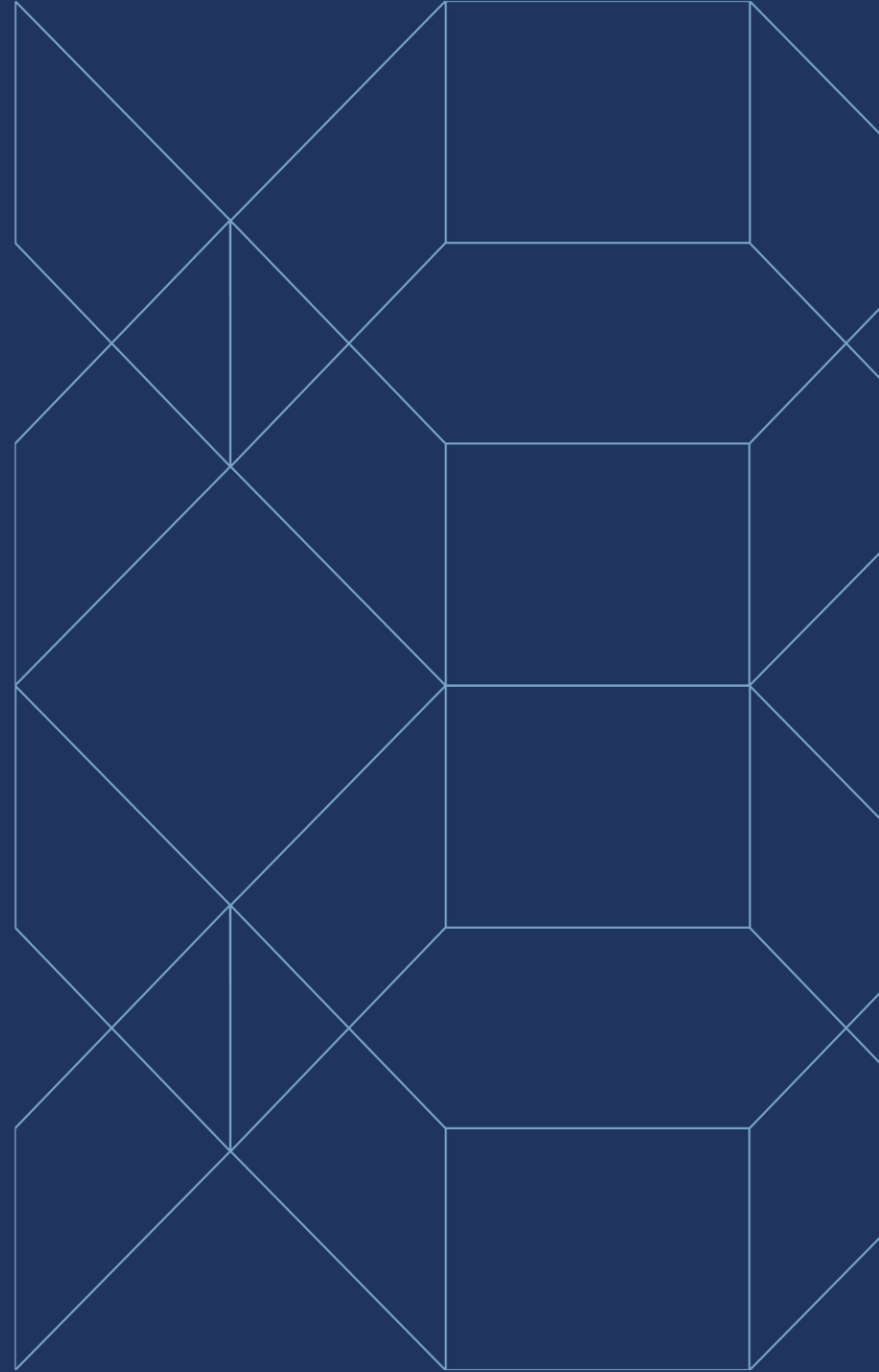
Balanço Energético

Projeções

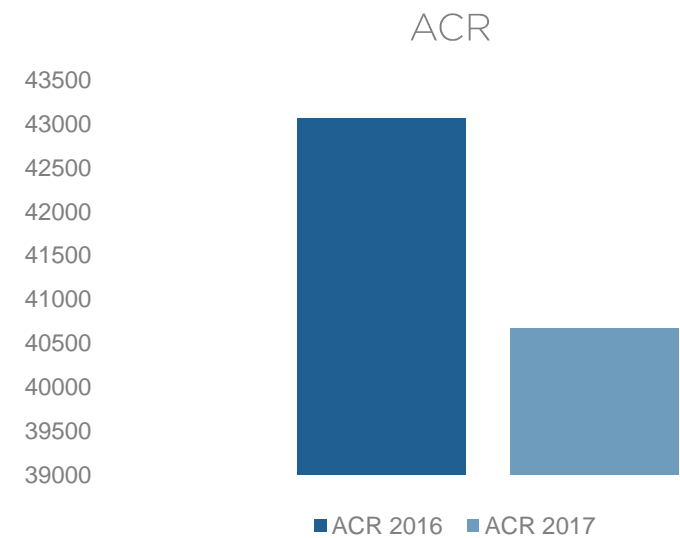
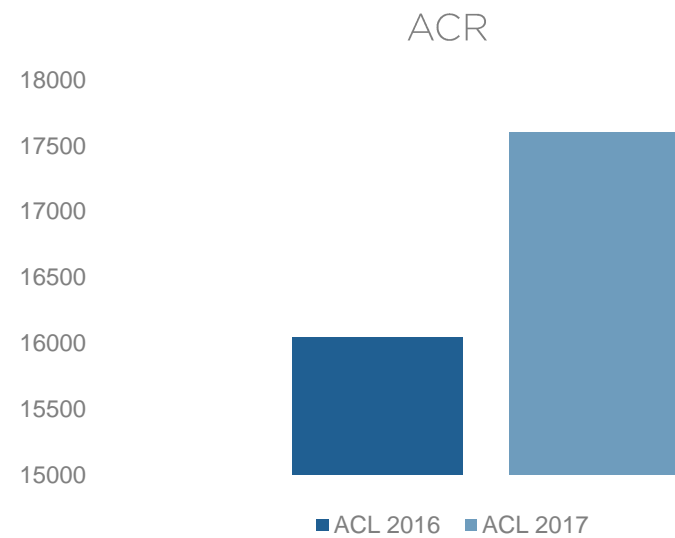
Análise de mercado

Aspectos regulatórios

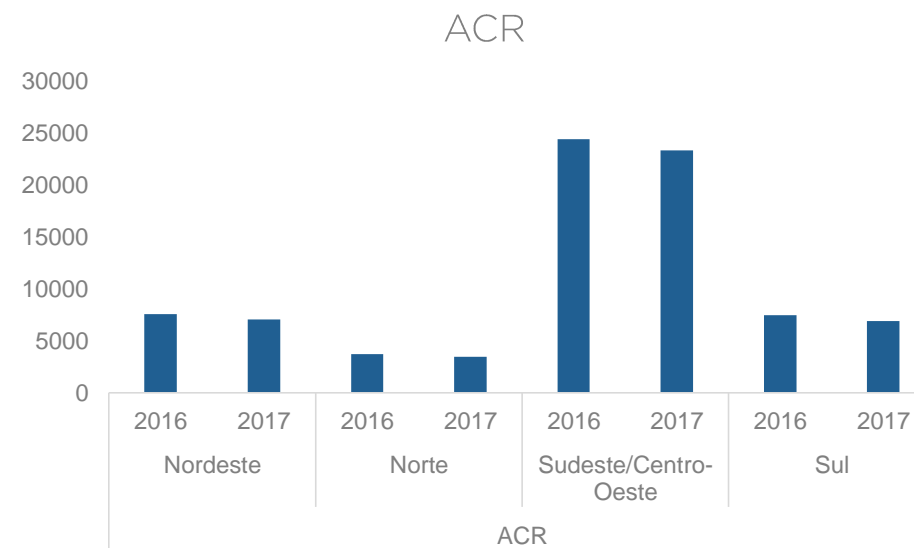
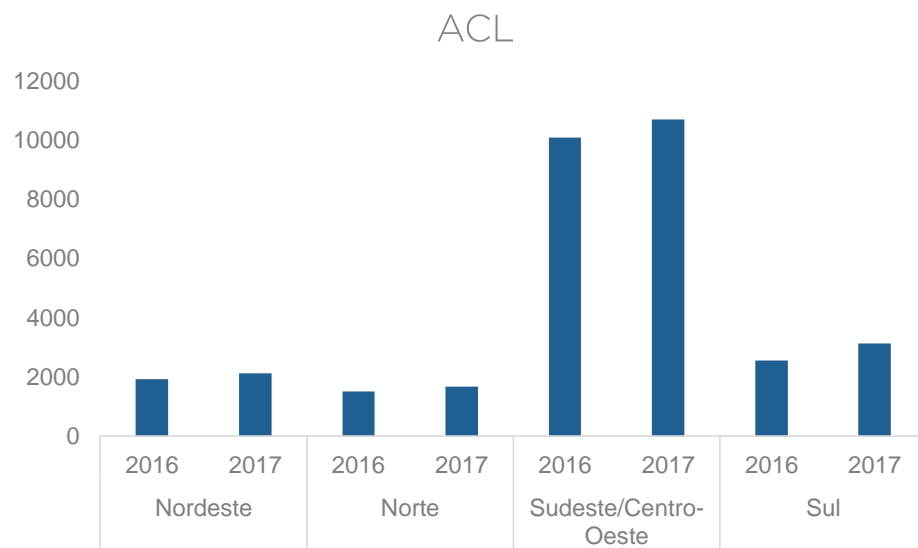
Panorama atual



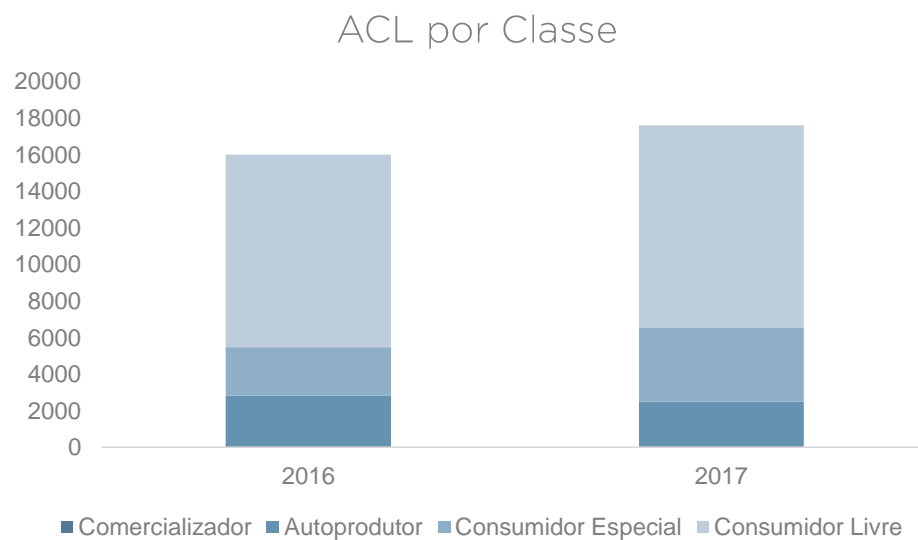
Carga - 29/08/2017



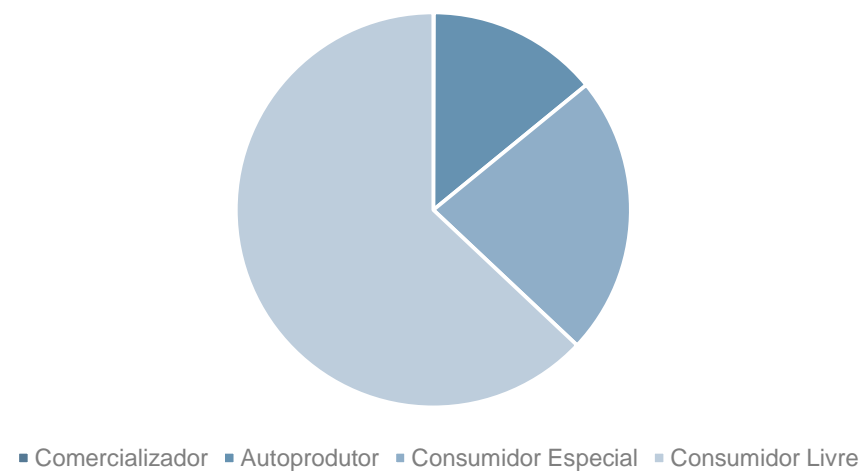
Carga - 29/08/2017



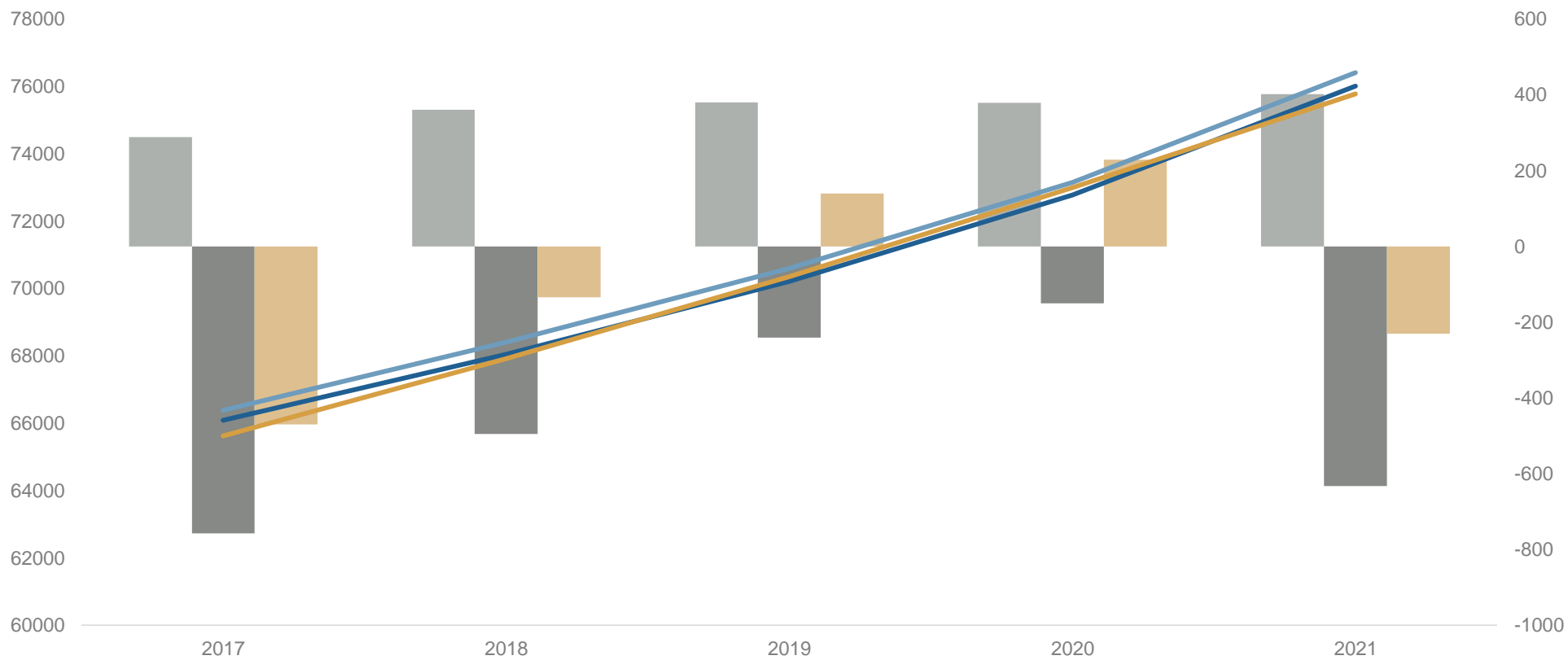
Carga - 29/08/2017



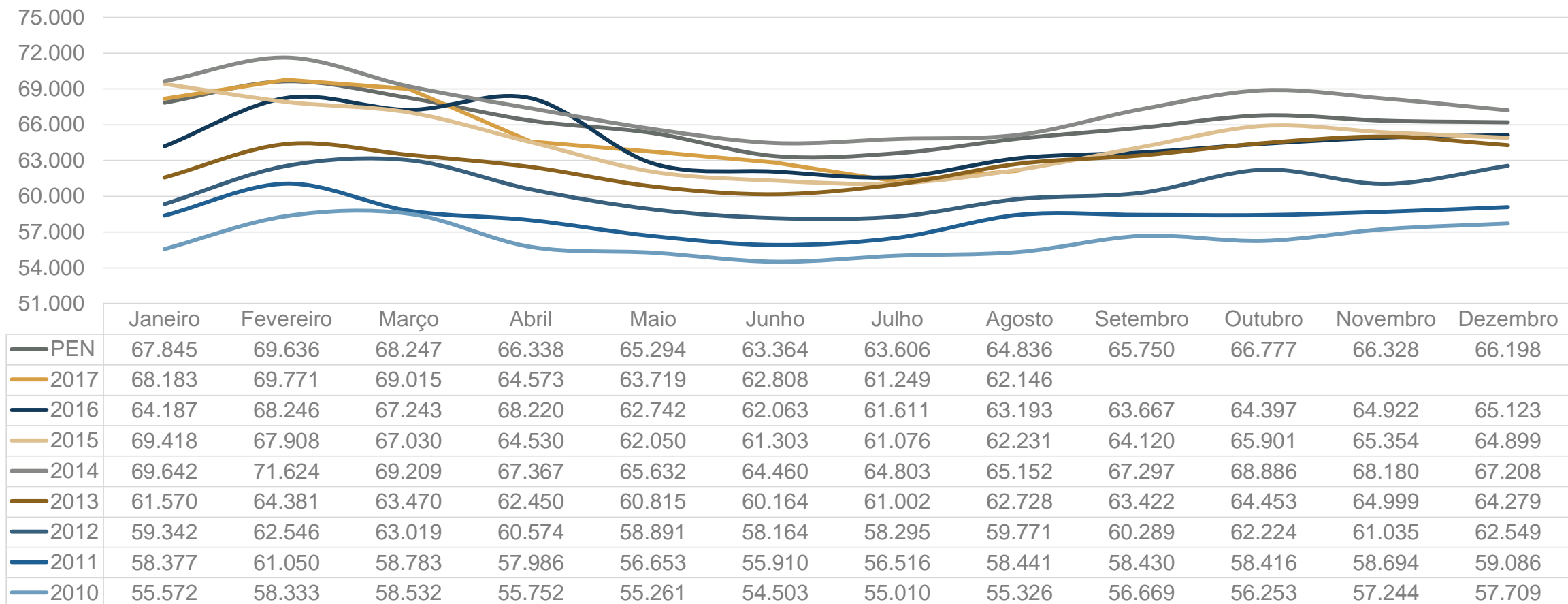
ACL por classe - 2017



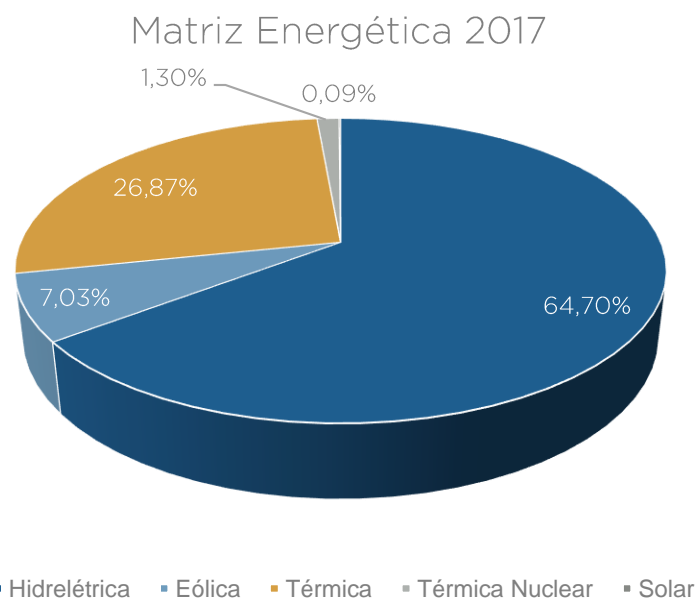
Carga



Carga

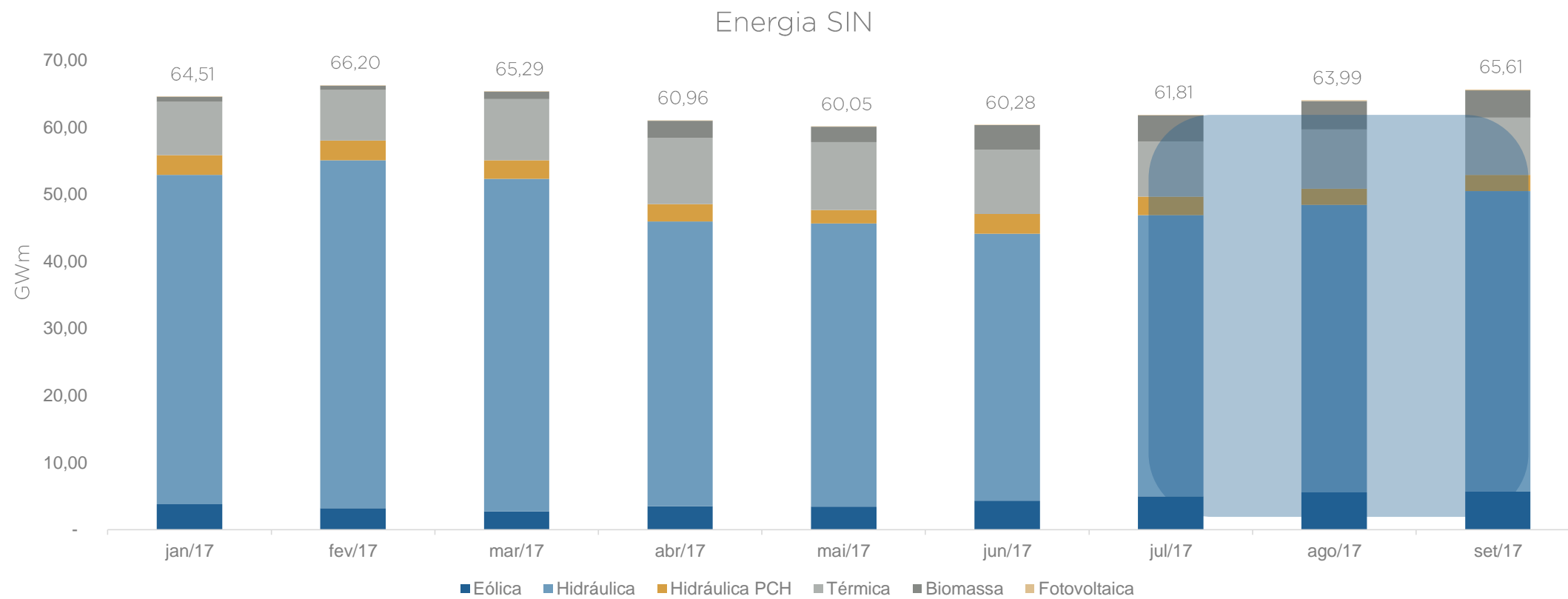


Geração



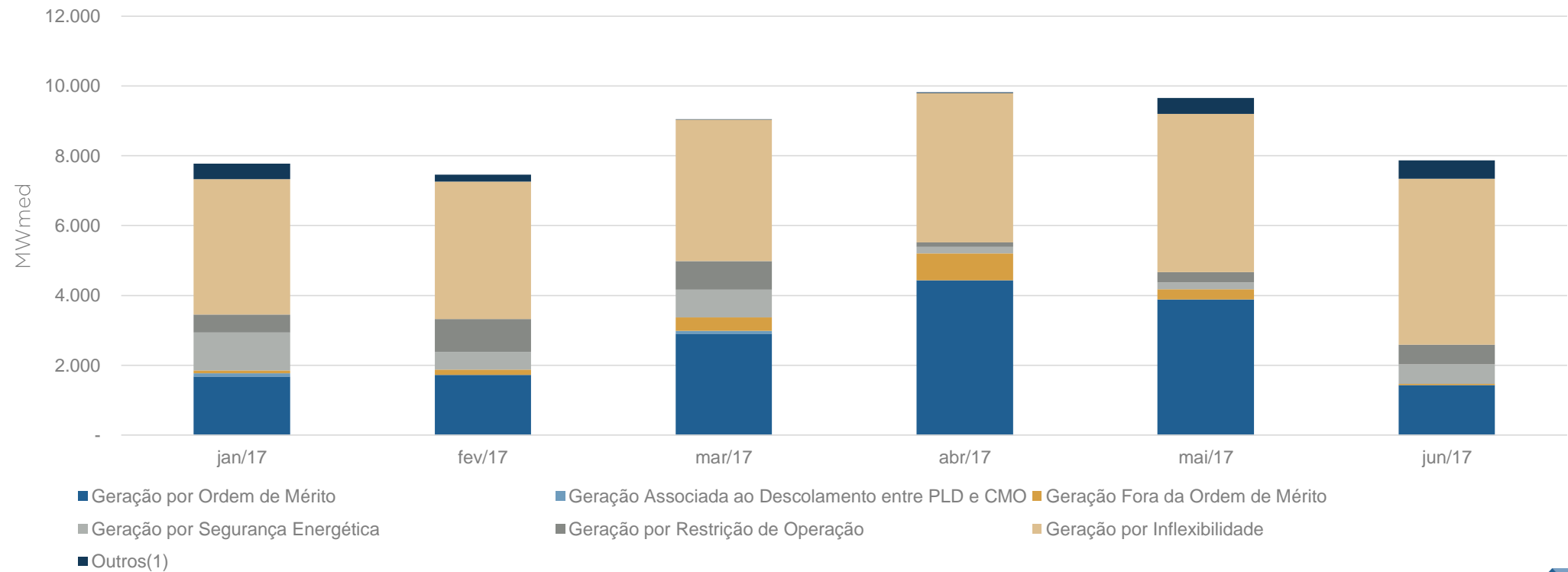
Fonte	Potência Instalada Agosto 2017 GW	%
Hidrelétrica	99.368,73	64,7%
Eólica	10.943,24	7,1%
Térmica	41.044,01	26,7%
Térmica Nuclear	1.990,00	1,3%
Solar	172,23	0,1%
Total	153.518,21	

Geração

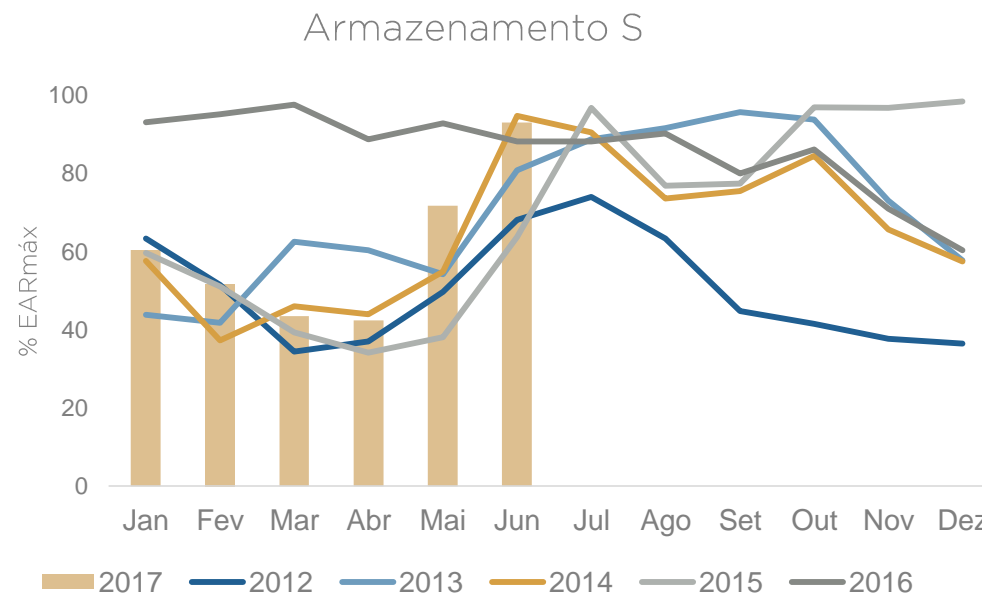
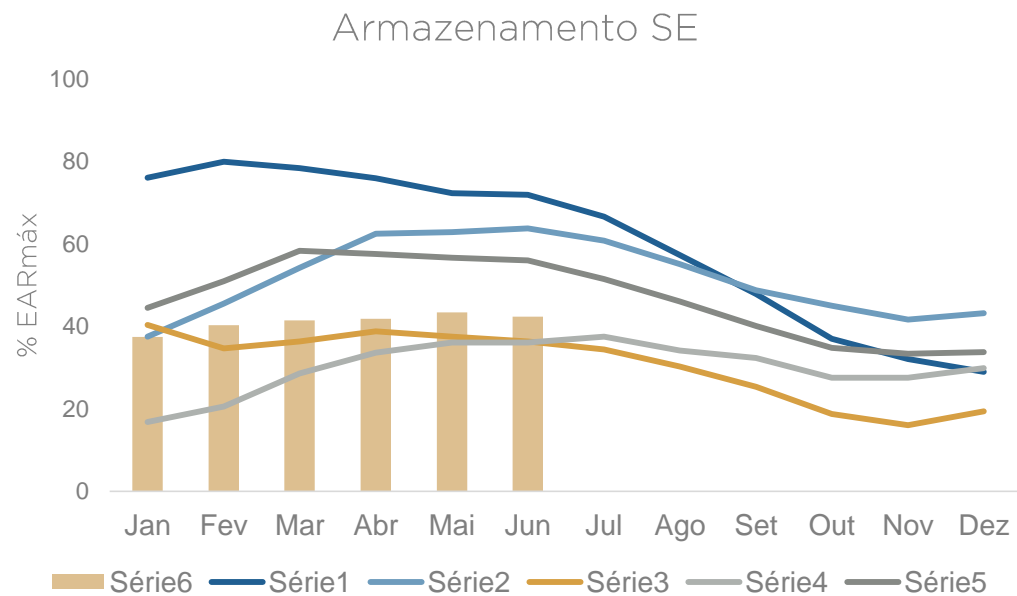


Geração

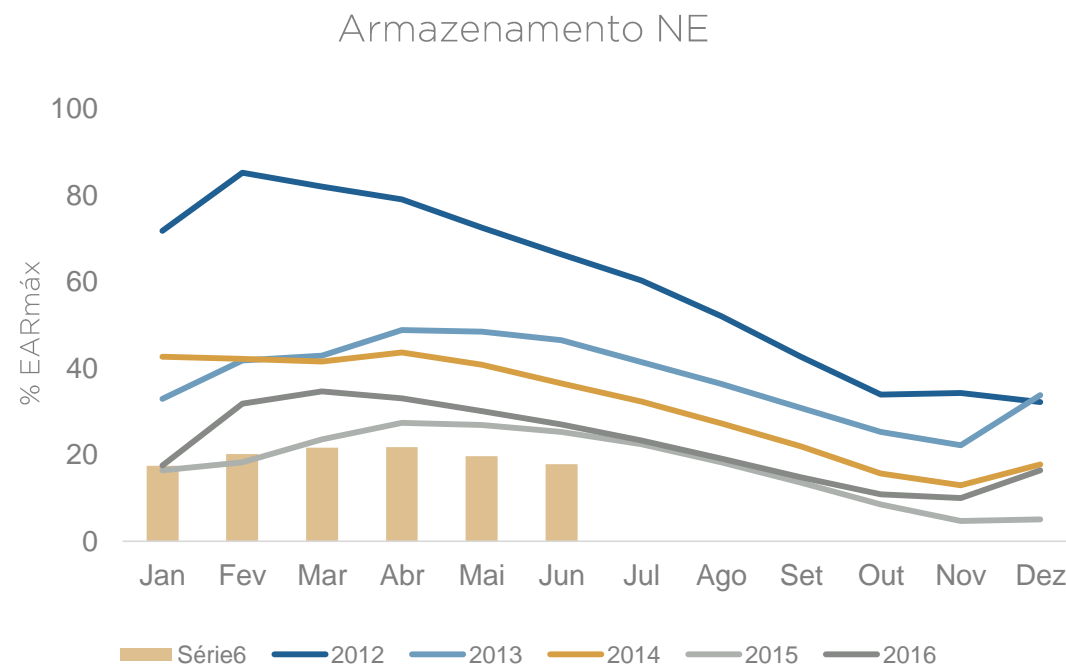
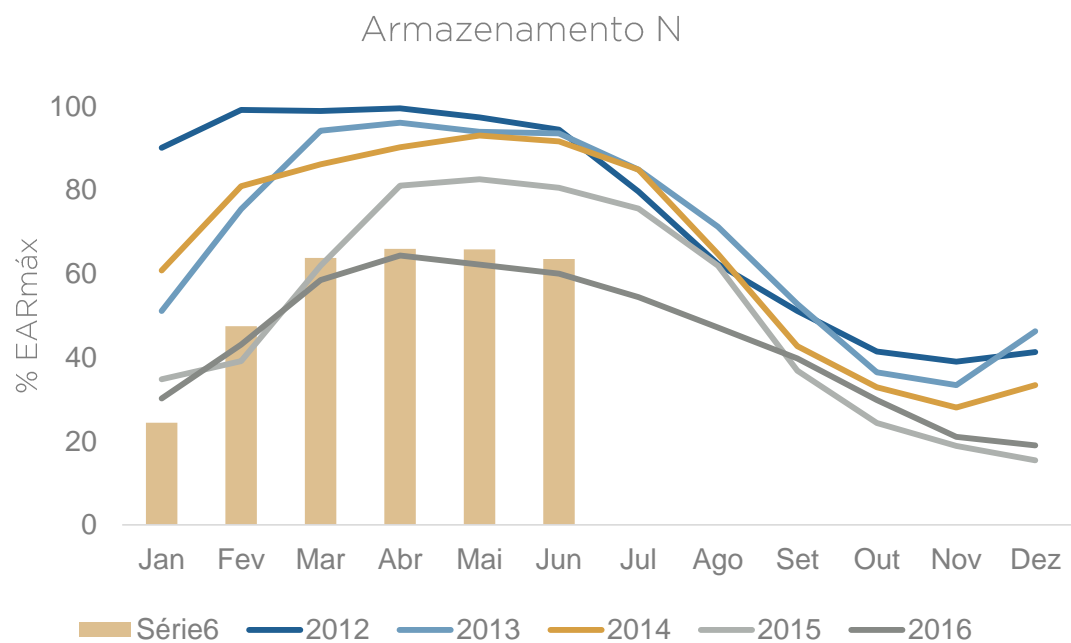
Geração Térmica por Tipo de Despacho do ONS



Armazenamento

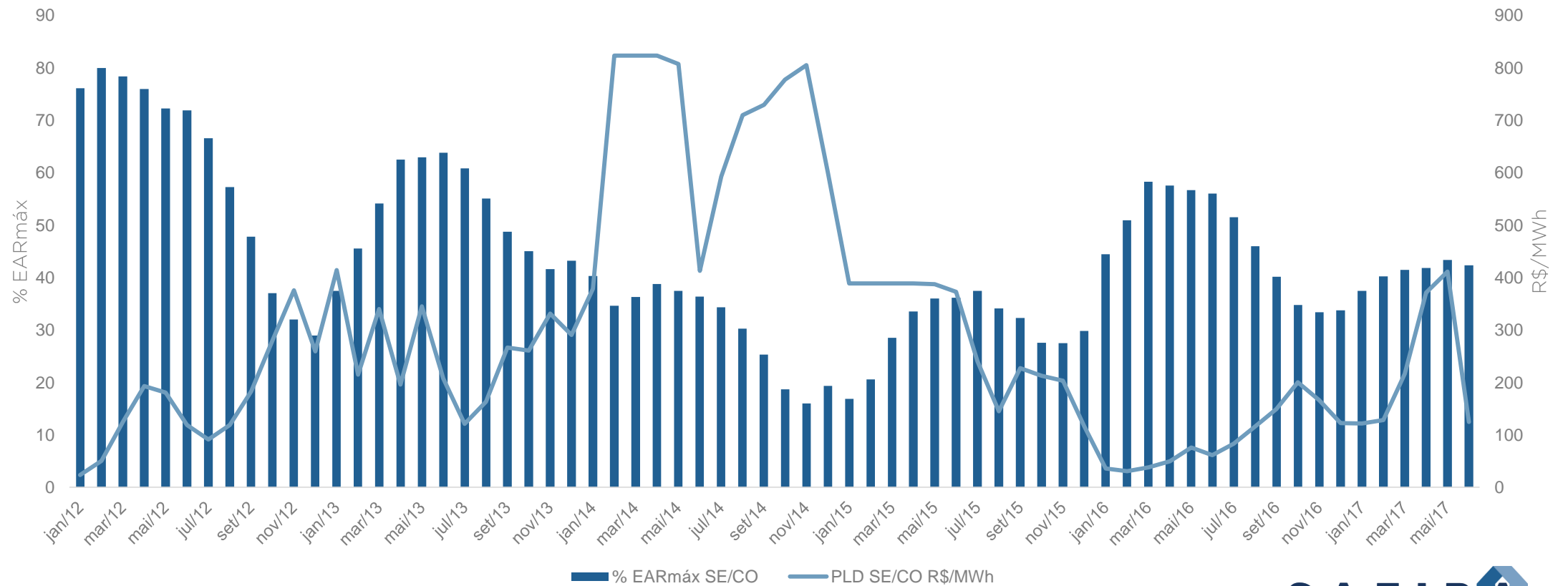


Armazenamento

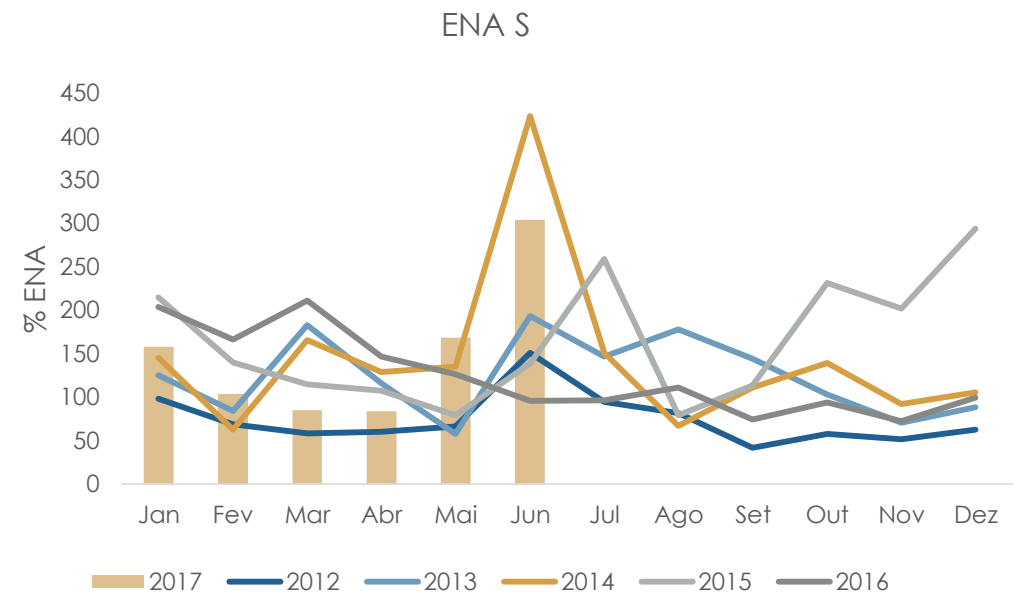
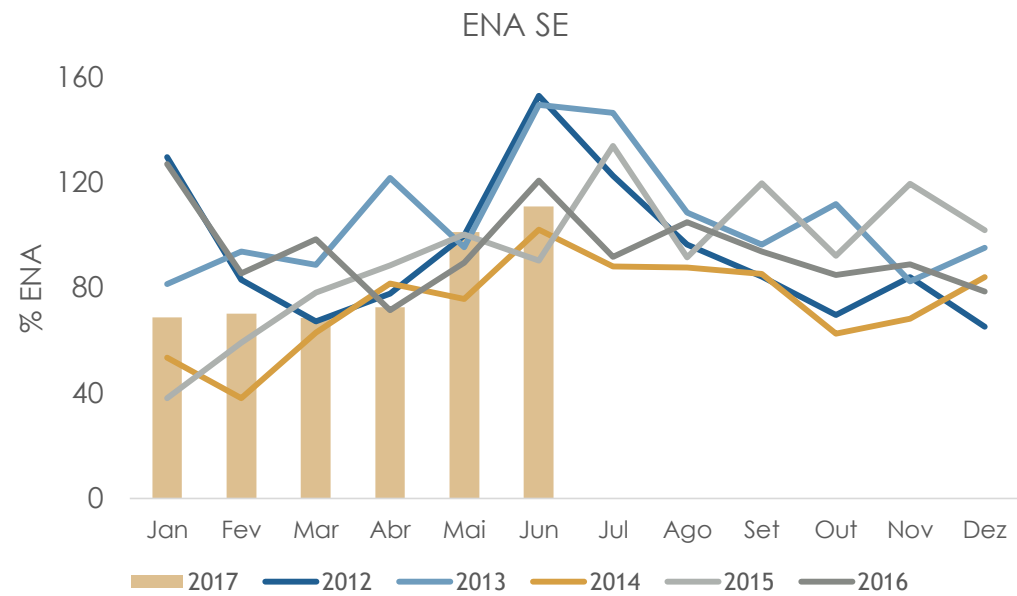


Armazenamento

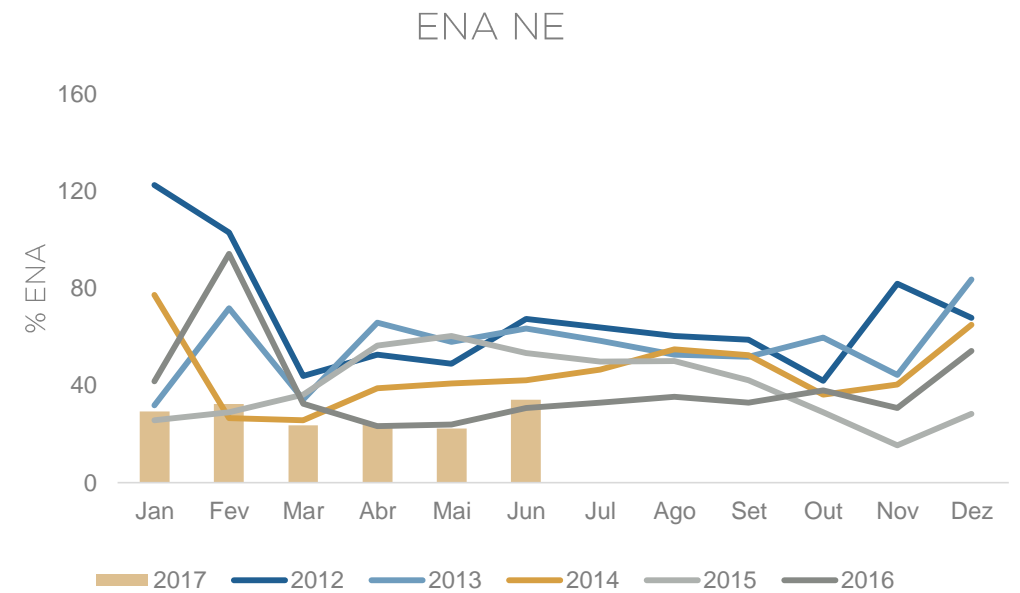
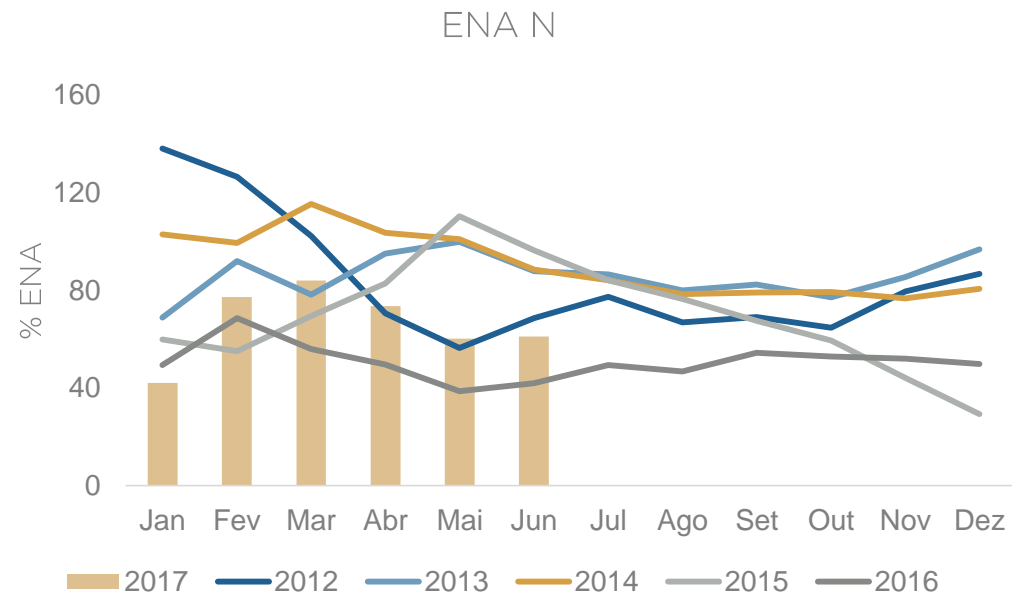
Armazenamento vs PLD



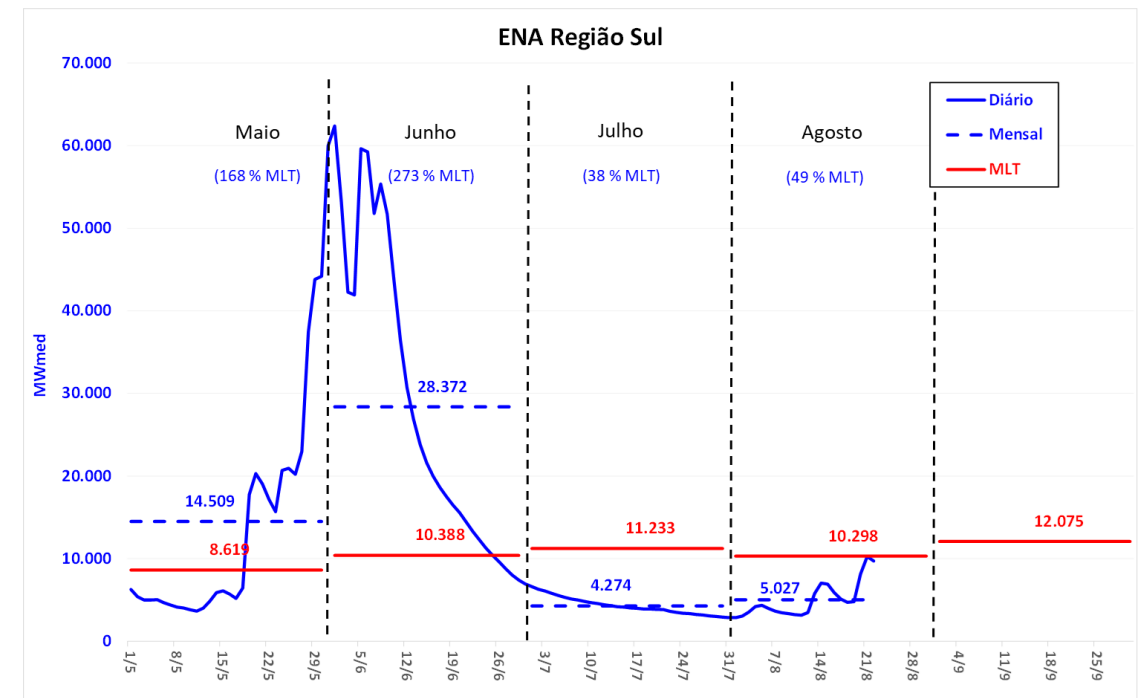
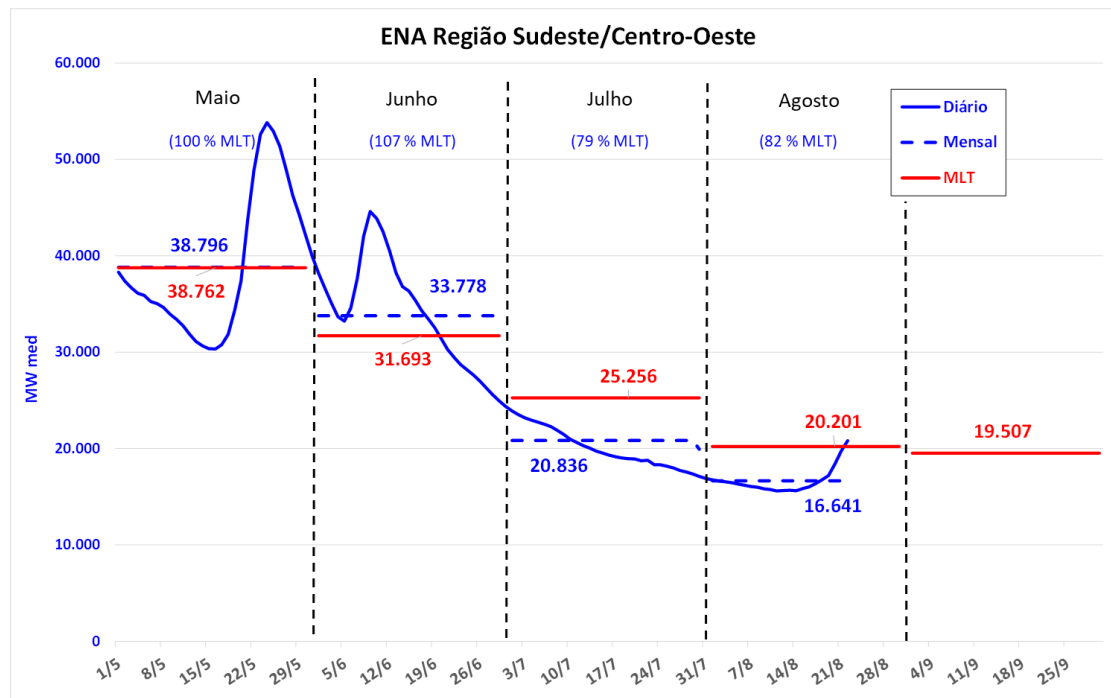
Energia Natural Afluente - ENA



Energia Natural Afluente - ENA

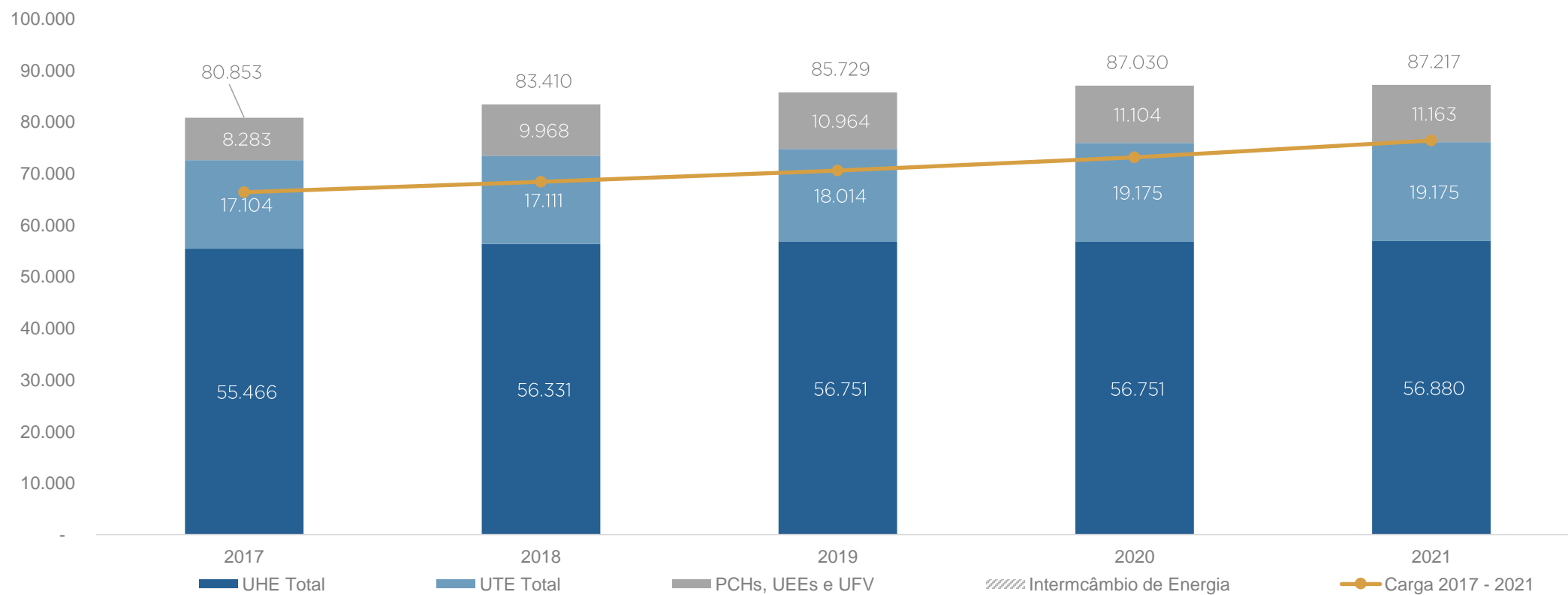


Energia Natural Afluente - ENA



Balanço Energético

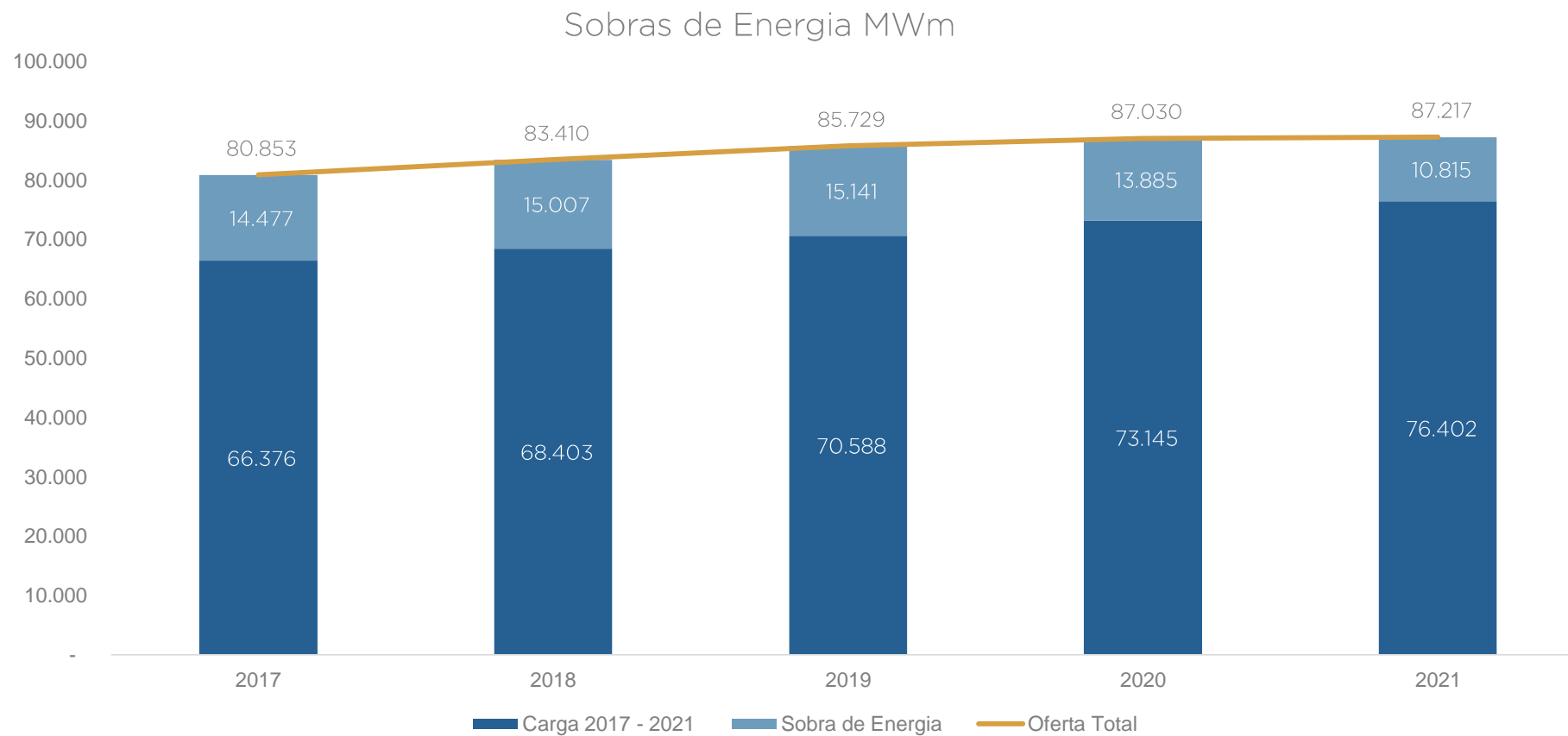
Balanço de Energia SIN 2017 - 2021 MWm



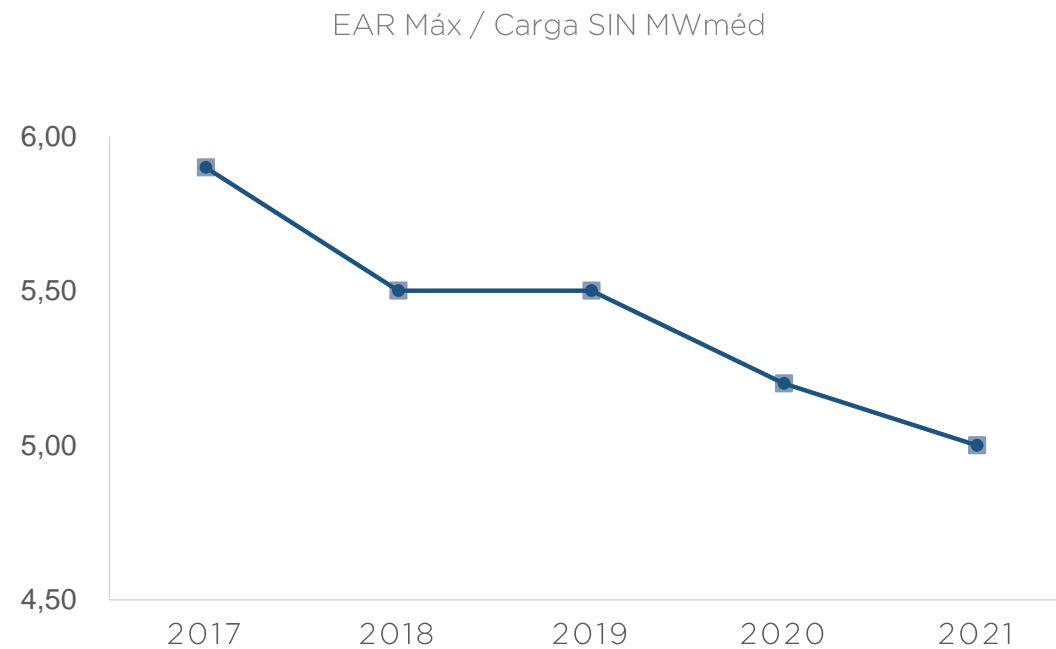
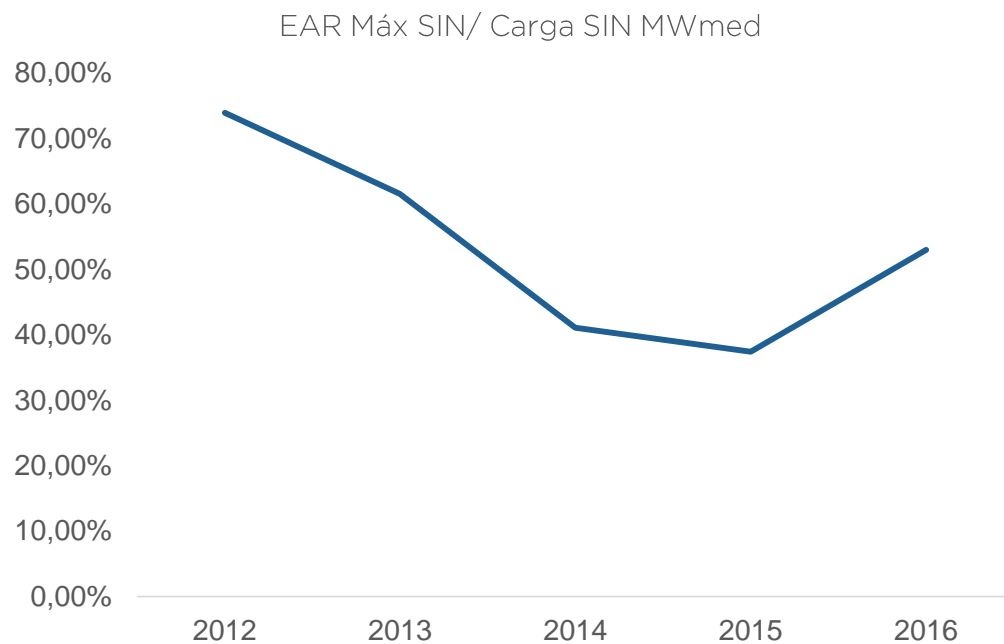
Balanço energético



Balanço Energético



Grau de regularização



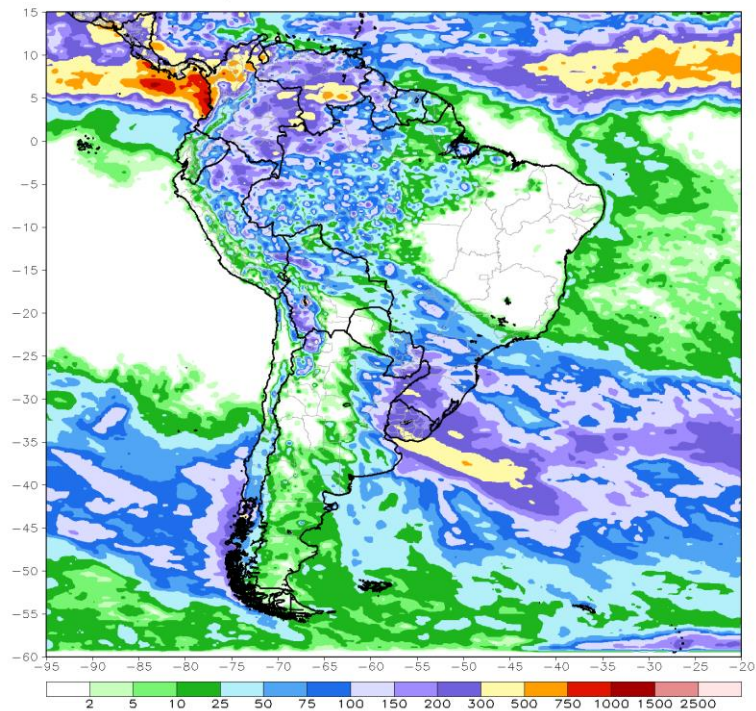
Projeções



Projeções

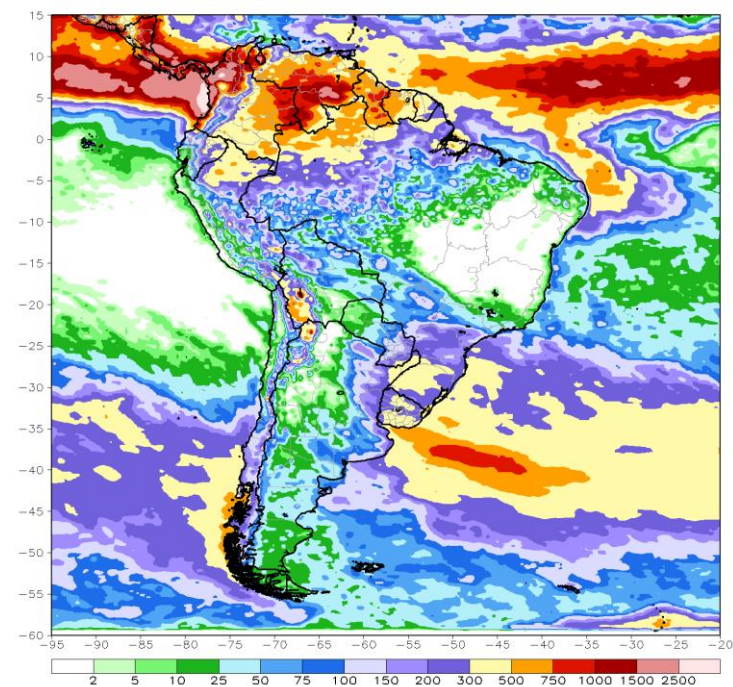
Últimos 30 dias

CMORPH 30-Day Total Rainfall (mm)
Period: 29Jul2017 - 27Aug2017



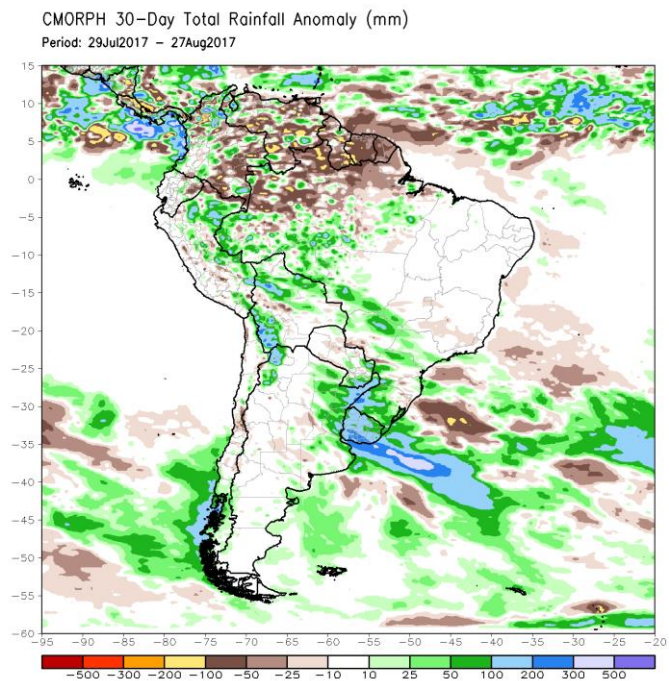
Últimos 90 dias

CMORPH 90-Day Total Rainfall (mm)
Period: 30May2017 - 27Aug2017

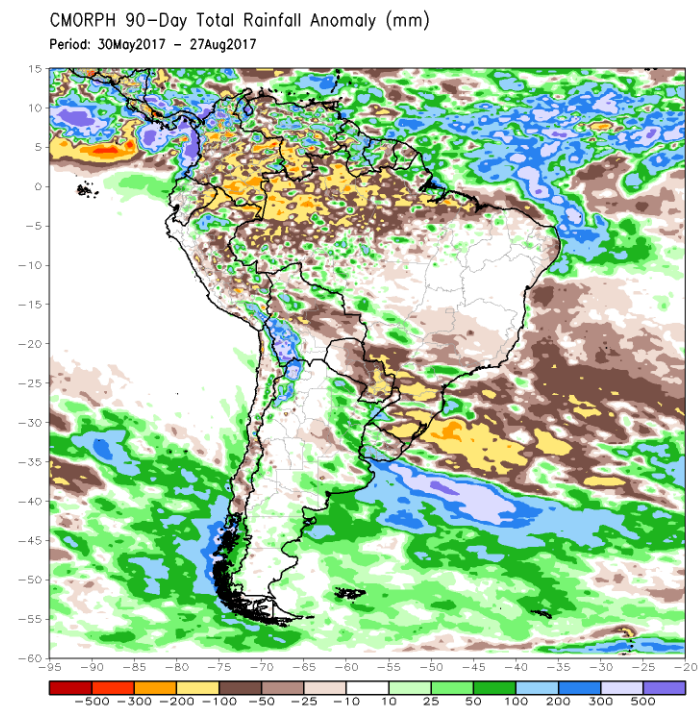


Projeções

Anomalia 30 dias

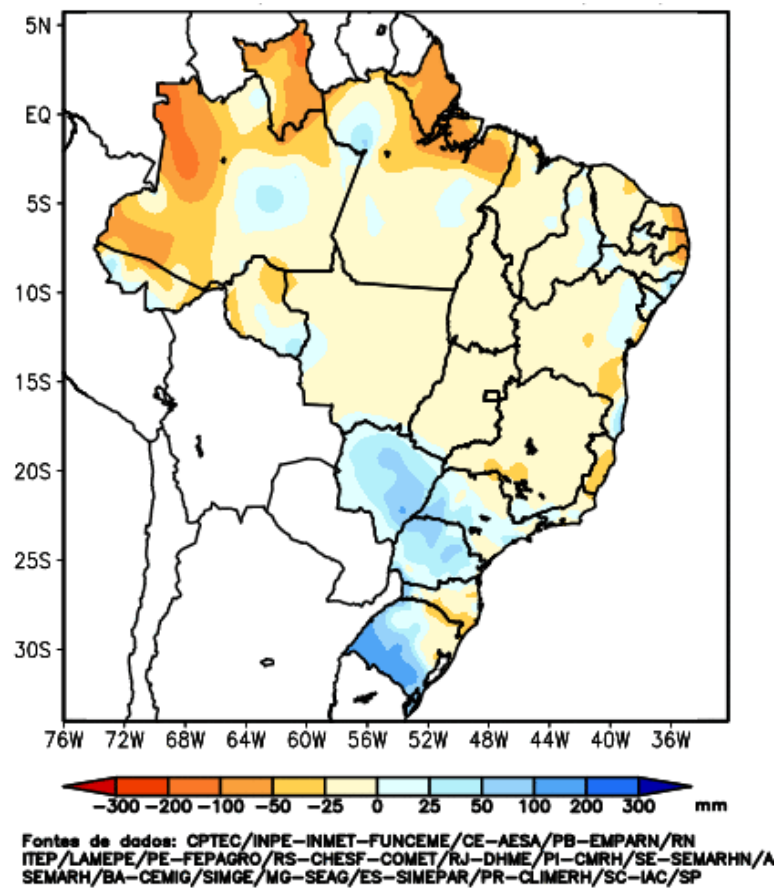


Anomalia 90 dias



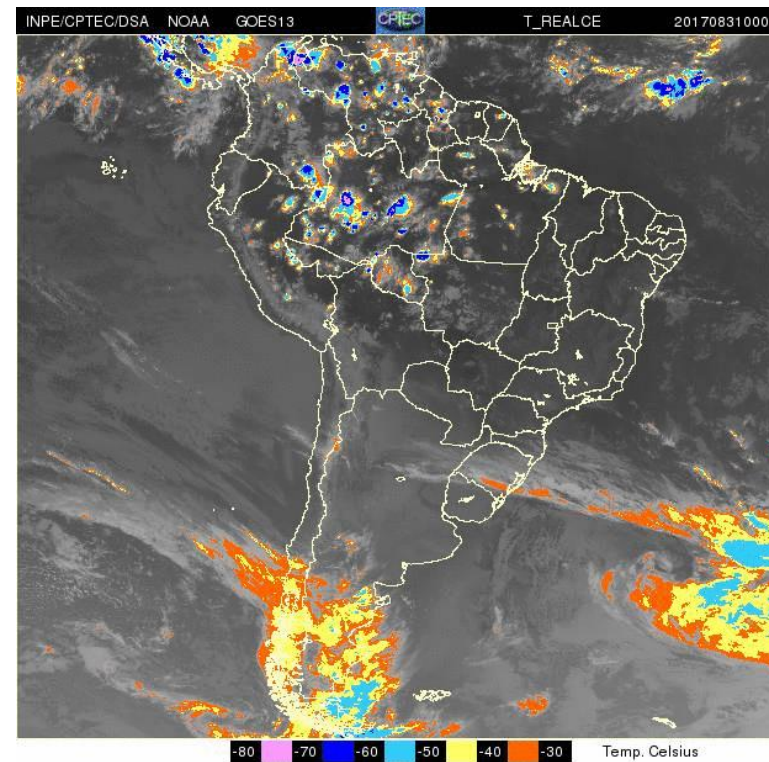
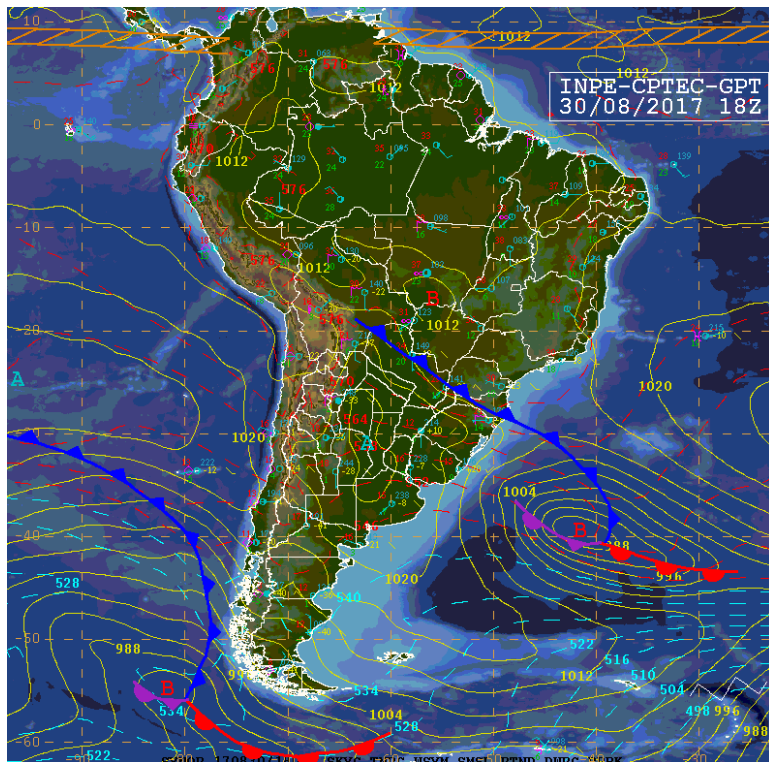
Projeções

Agosto



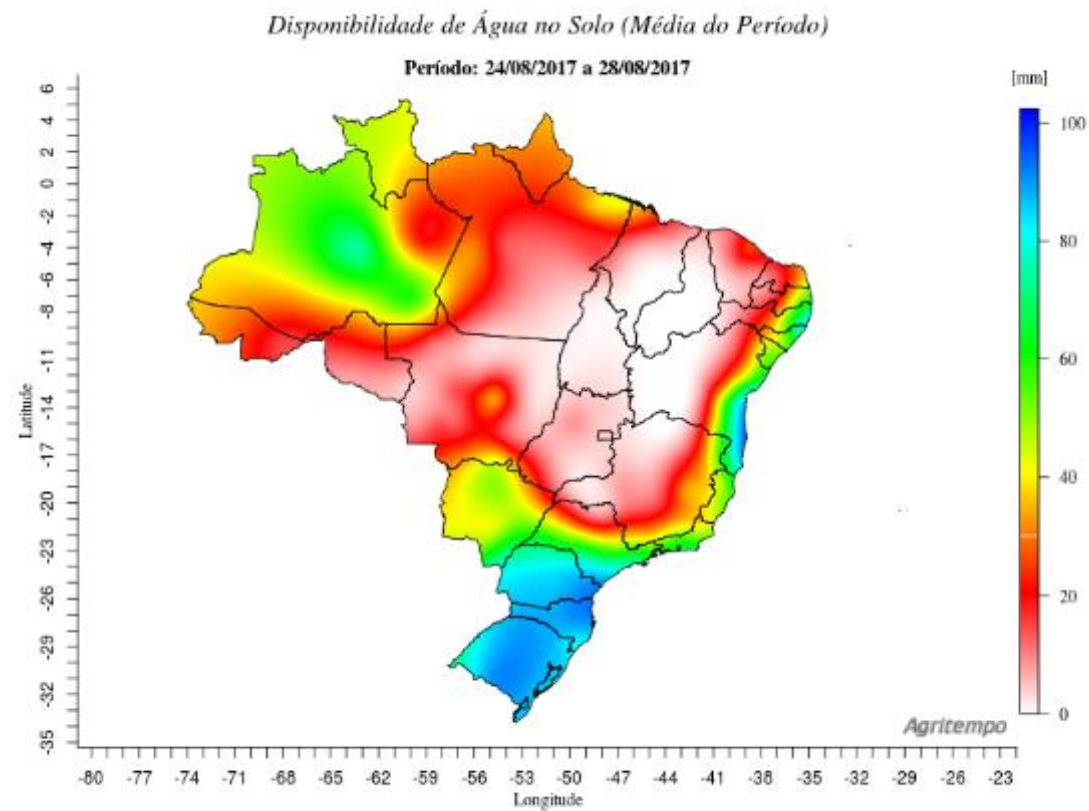
Projeções

Condição atual



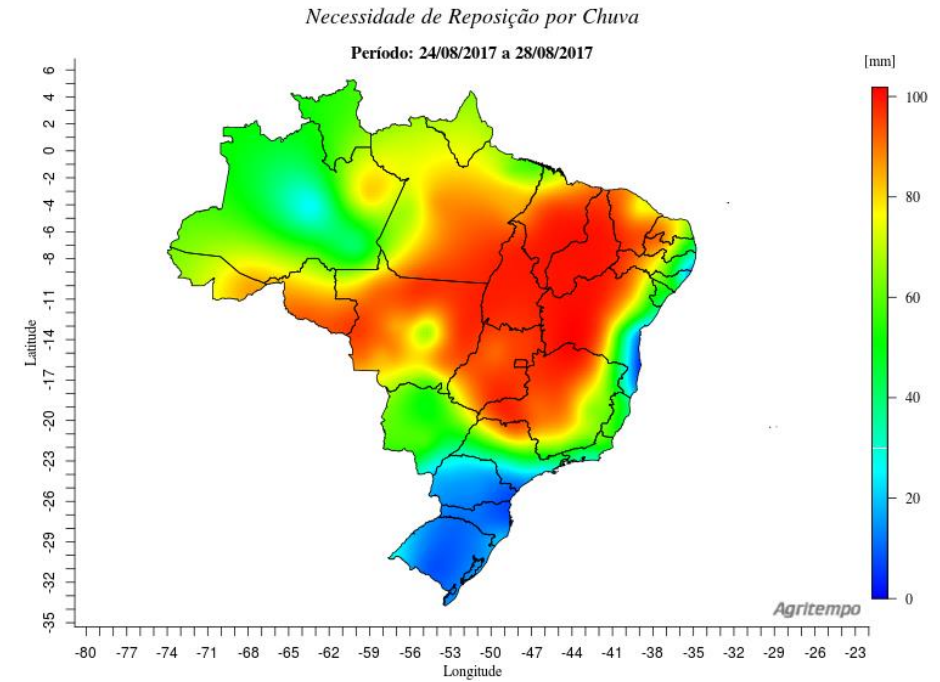
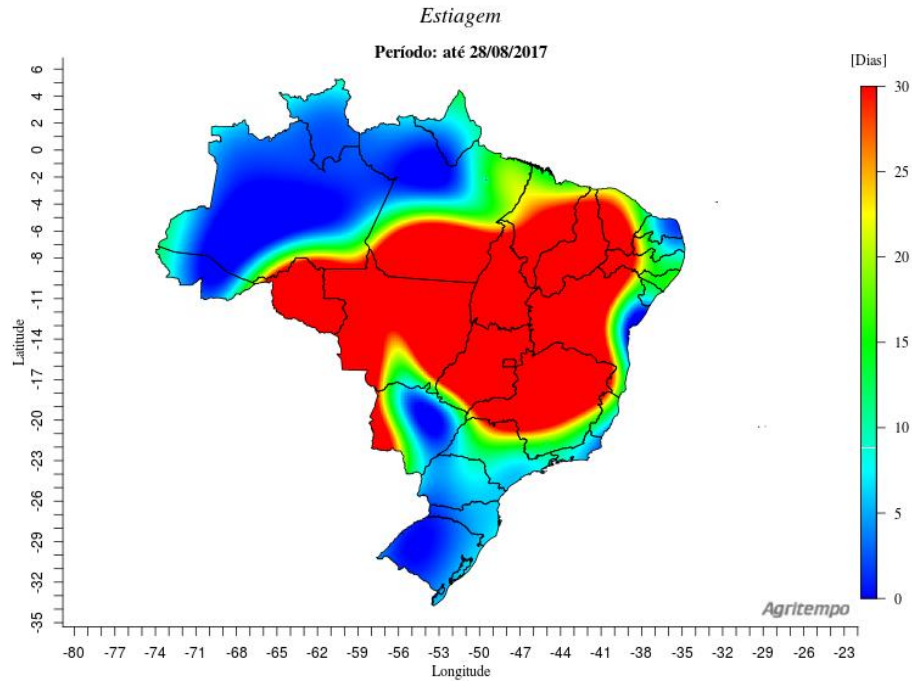
Projeções

Água disponível no solo



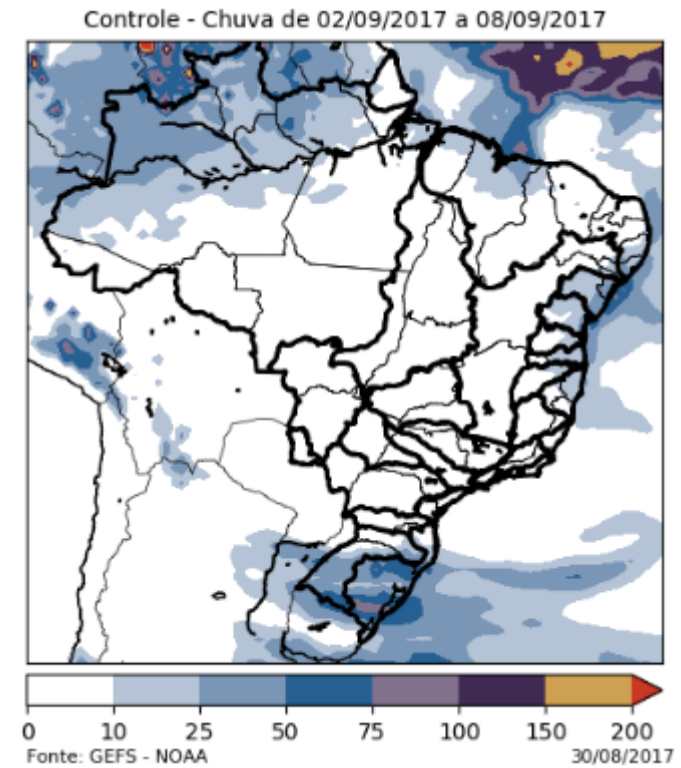
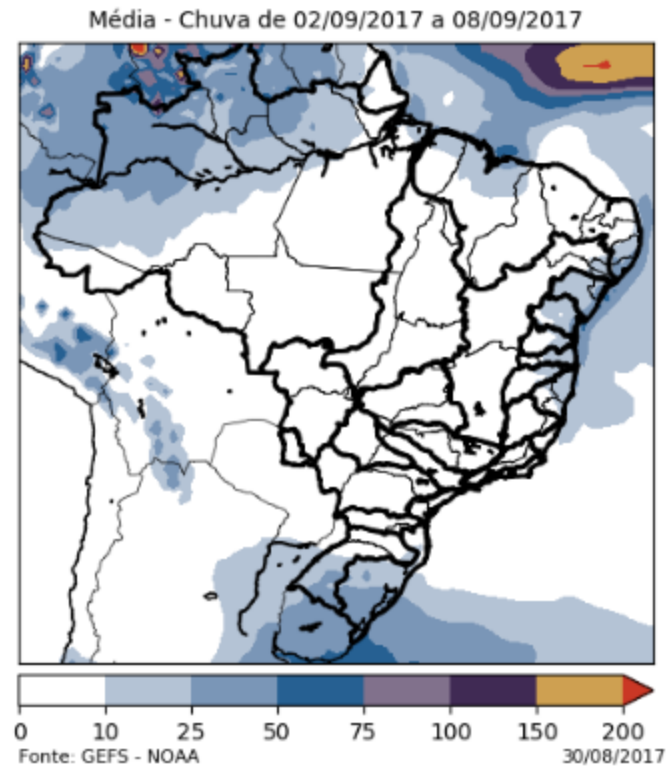
Projeções

Estiagem e necessidade de reposição



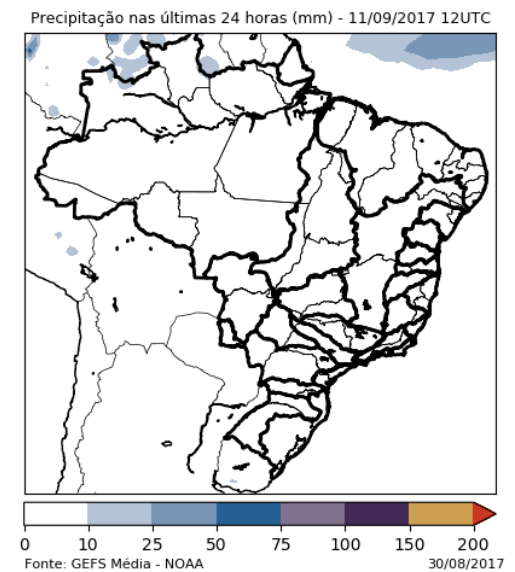
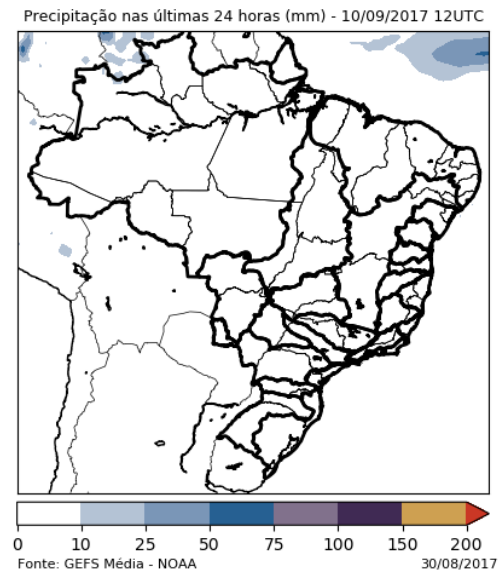
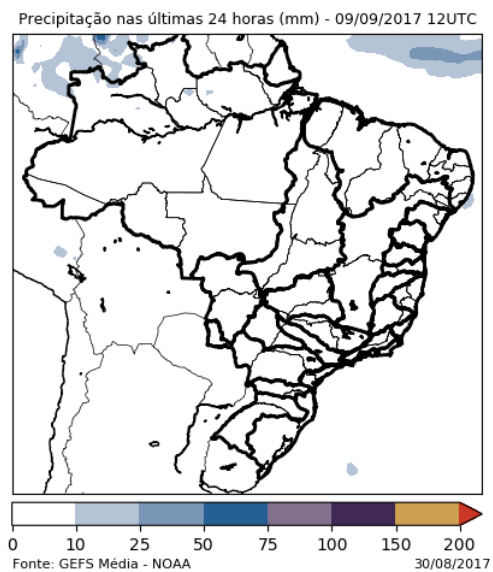
Projeções

Previsão semana operativa 02/09 a 08/09



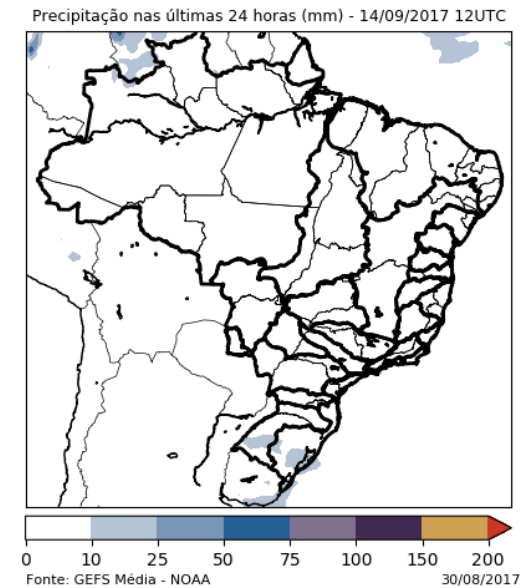
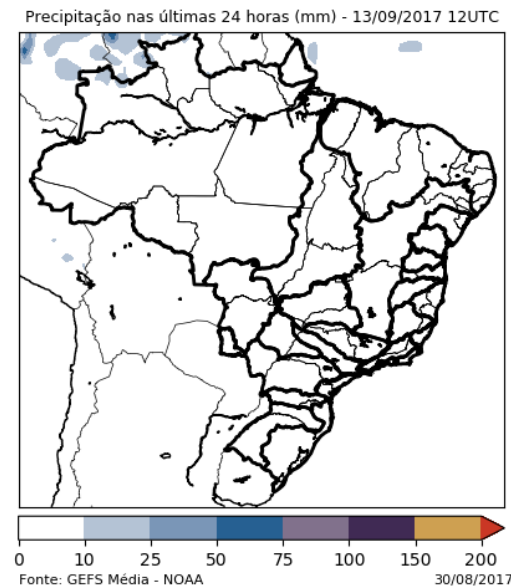
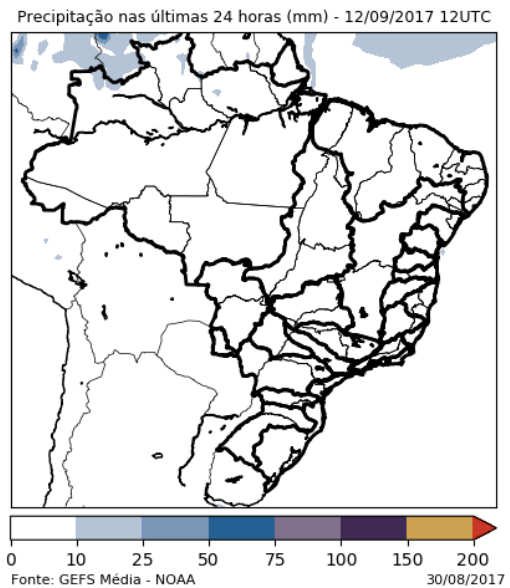
Projeções

Previsão semana operativa 09/09 a 15/09



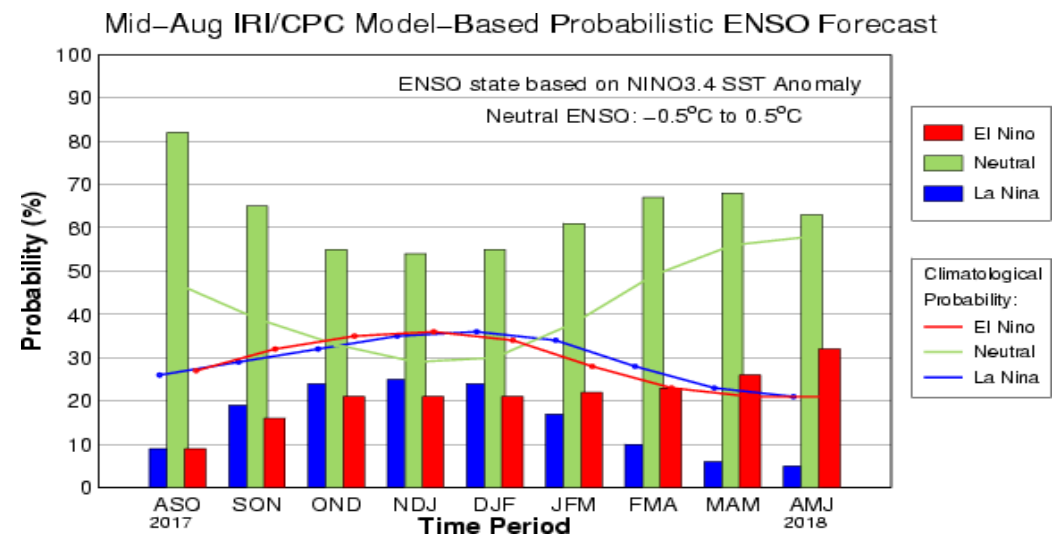
Projeções

Previsão semana operativa 09/09 a 15/09

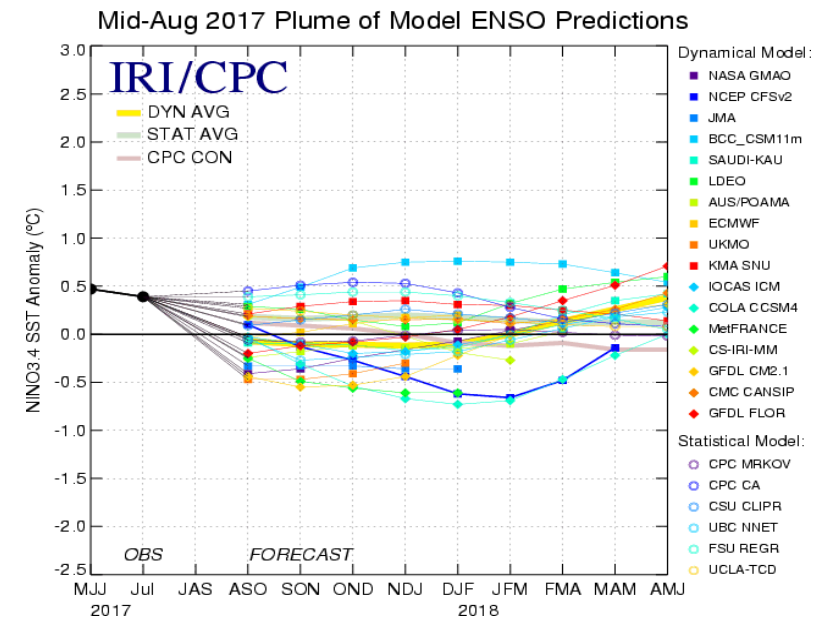
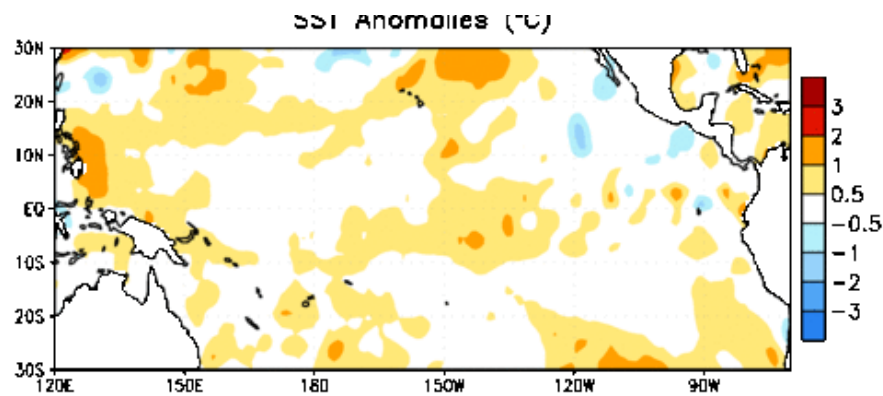
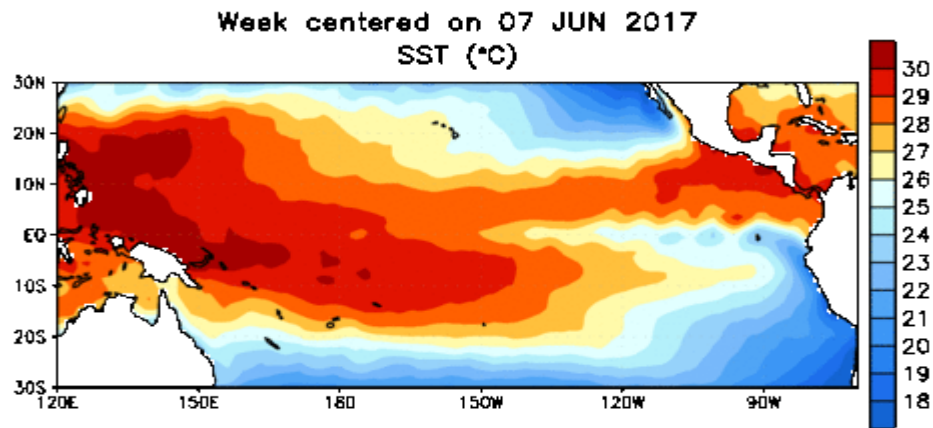


Projeções

ENSO-Neutral conditions are present.*
Equatorial sea surface temperatures (SSTs) are near-to-below average across the central and eastern Pacific Ocean. ENSO-Neutral is favored (~85% chance during Jul-Sep, decreasing to ~55% during Dec-Feb) through the Northern Hemisphere winter 2017-18.*

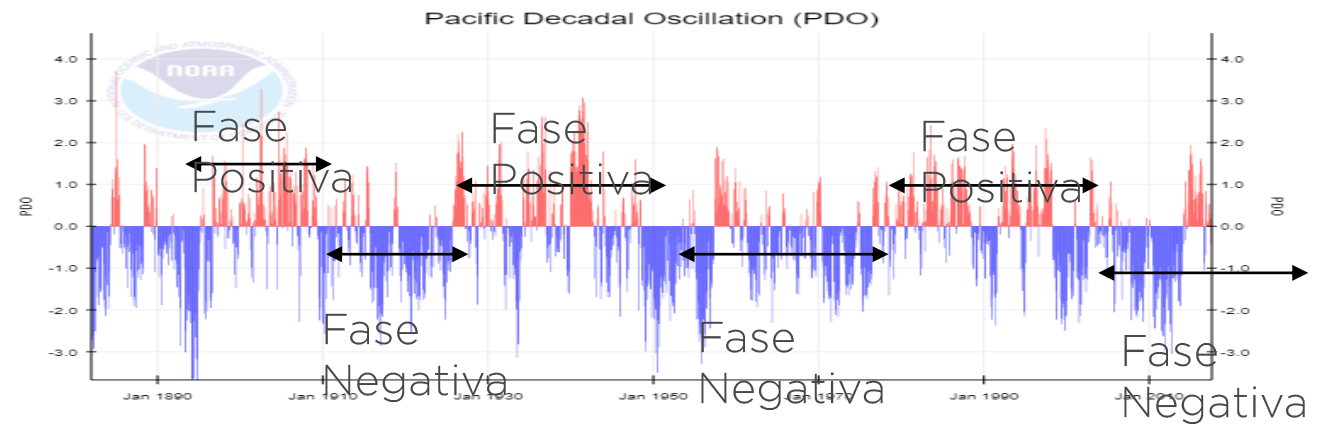
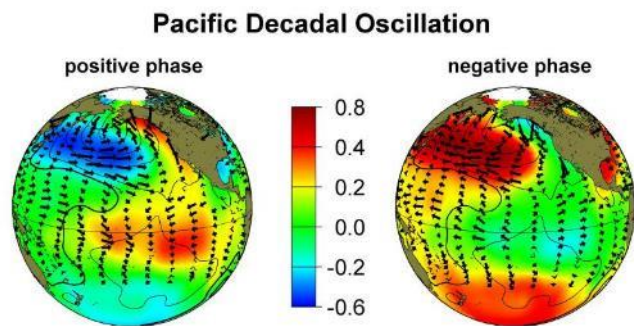


Projeções



Projeções

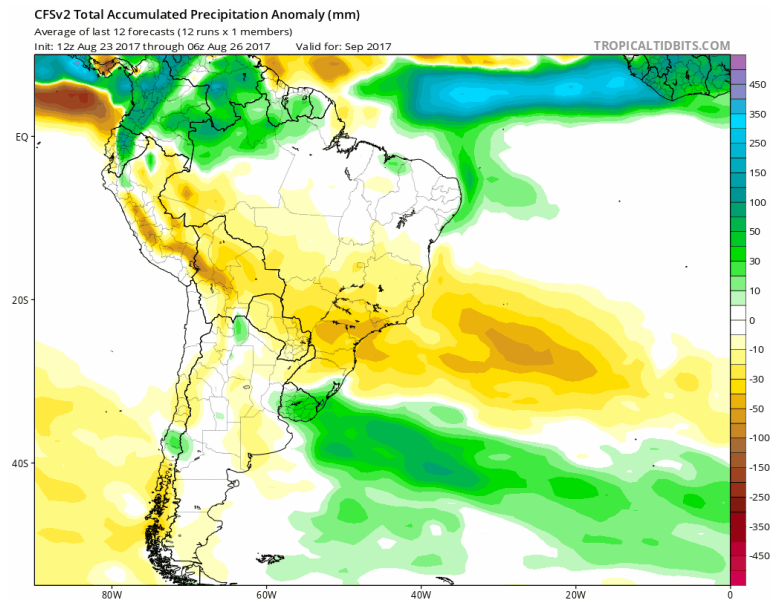
Oscilação decadal do
pacífico



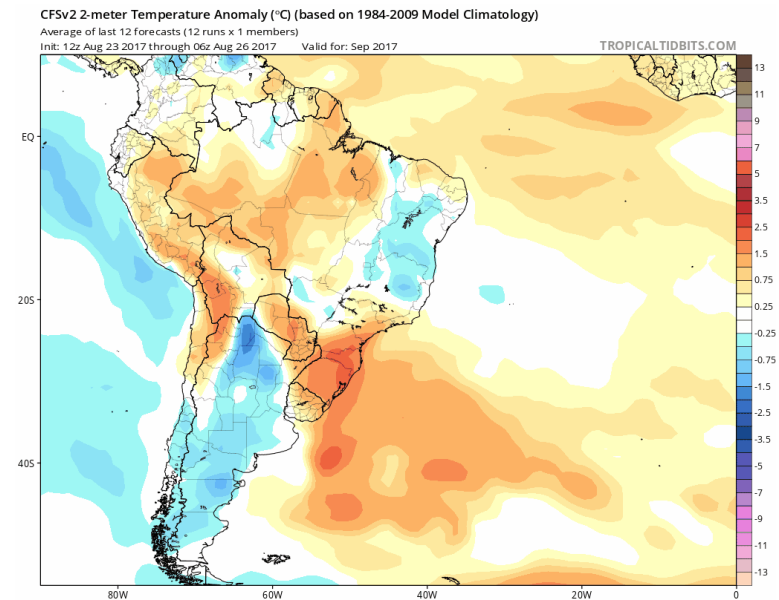
Projeções

Setembro - CFS- Anomalia

Precipitação



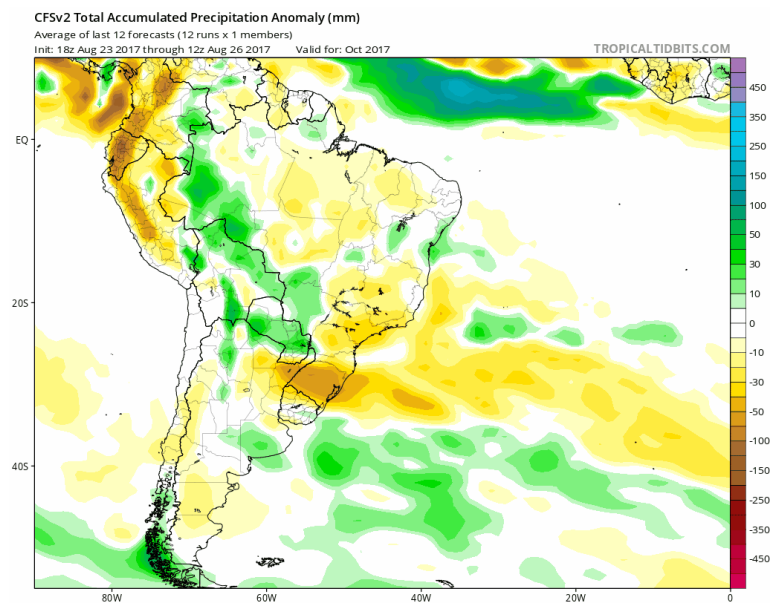
Temperatura



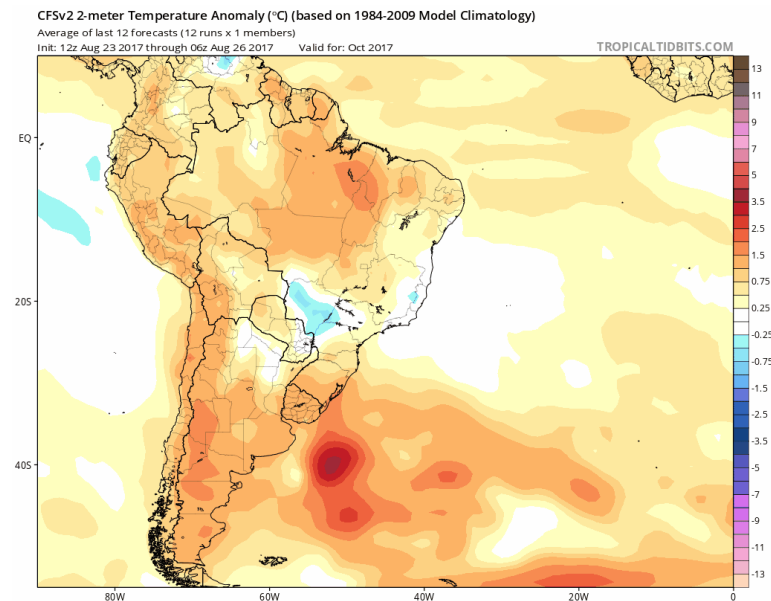
Projeções

Outubro - CFS - Anomalia

Precipitação

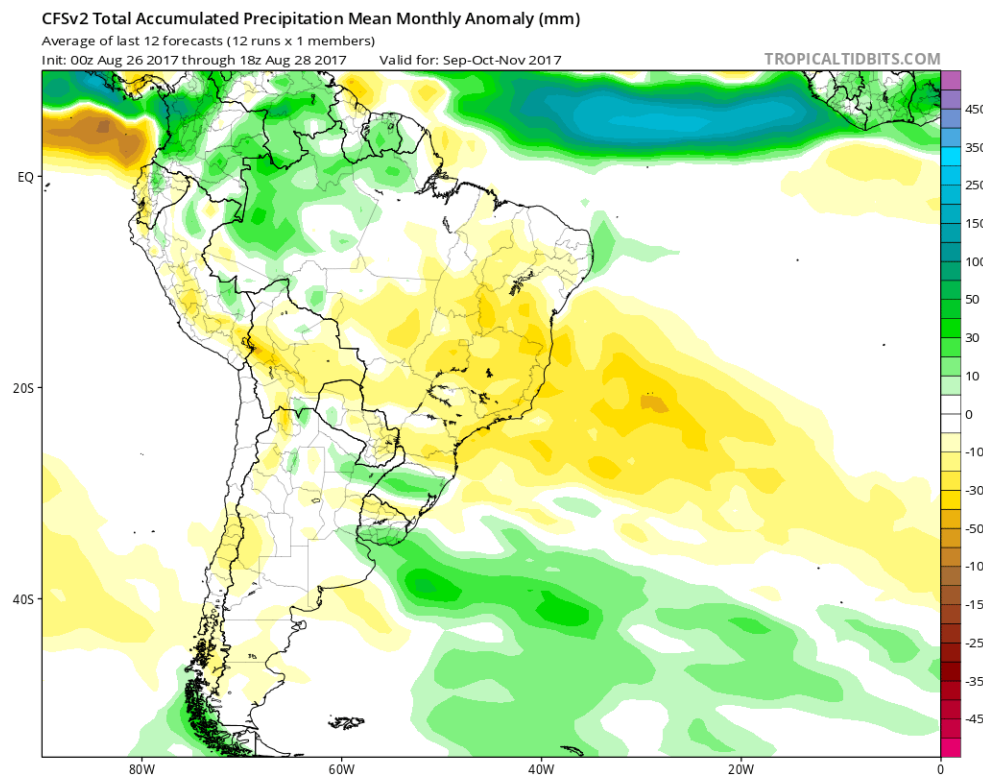


Temperatura



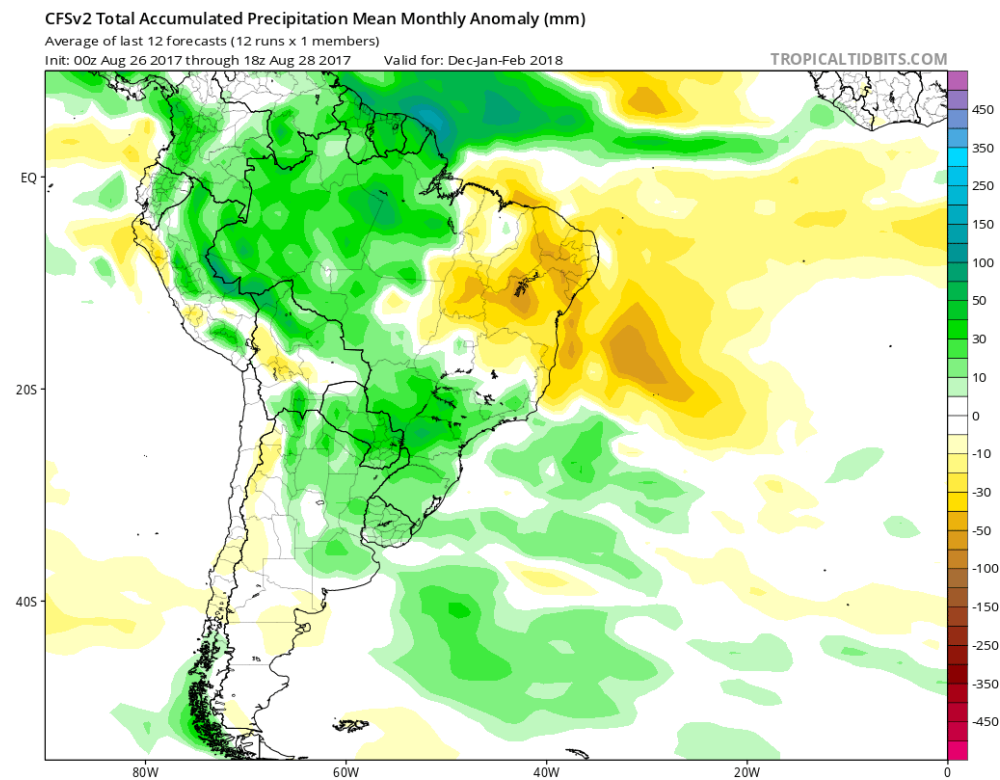
Projeções

Setembro - Outubro -
Novembro - CFS

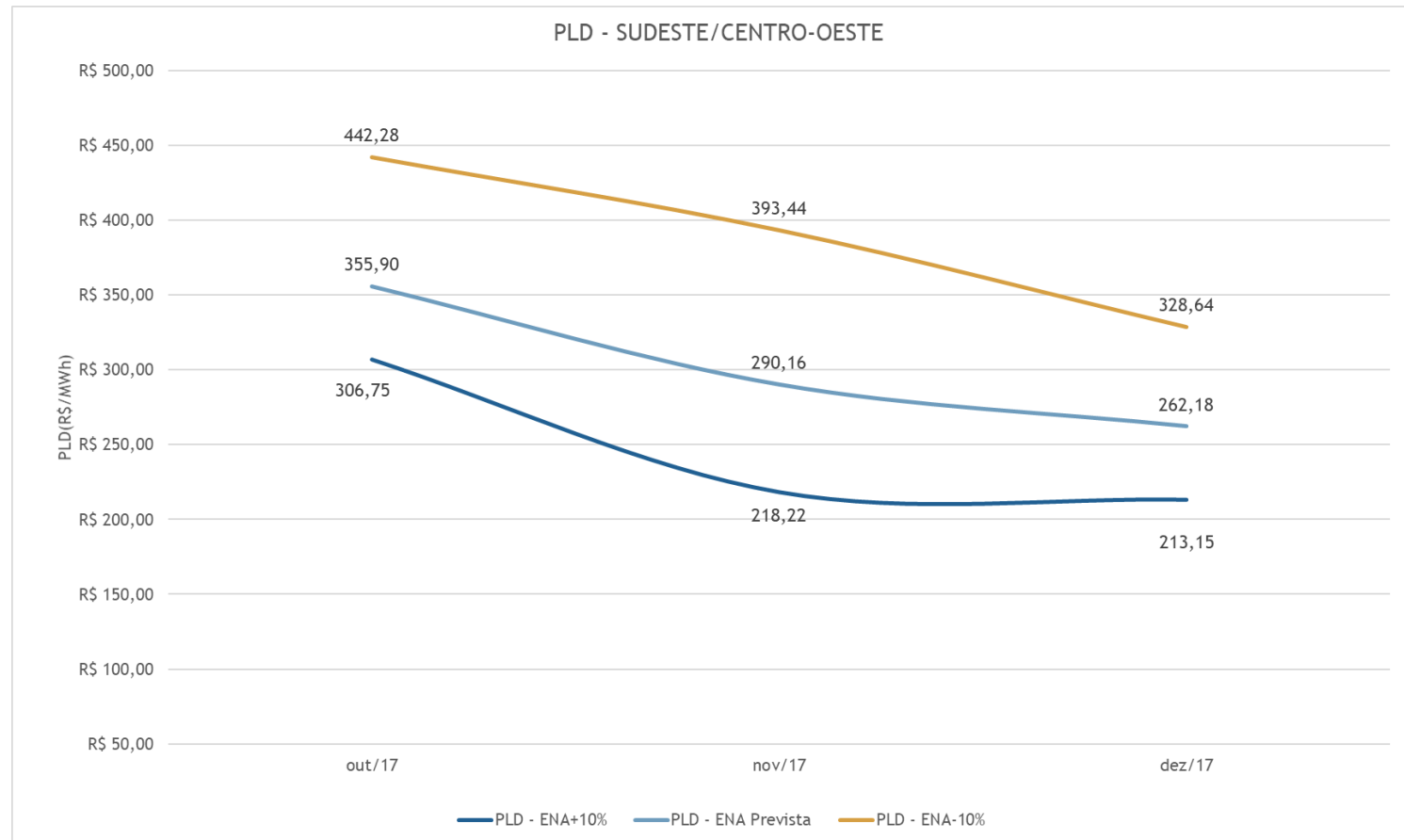


Projeções

Dezembro - Janeiro -
Fevereiro - CFS



Preço da liquidação das diferenças

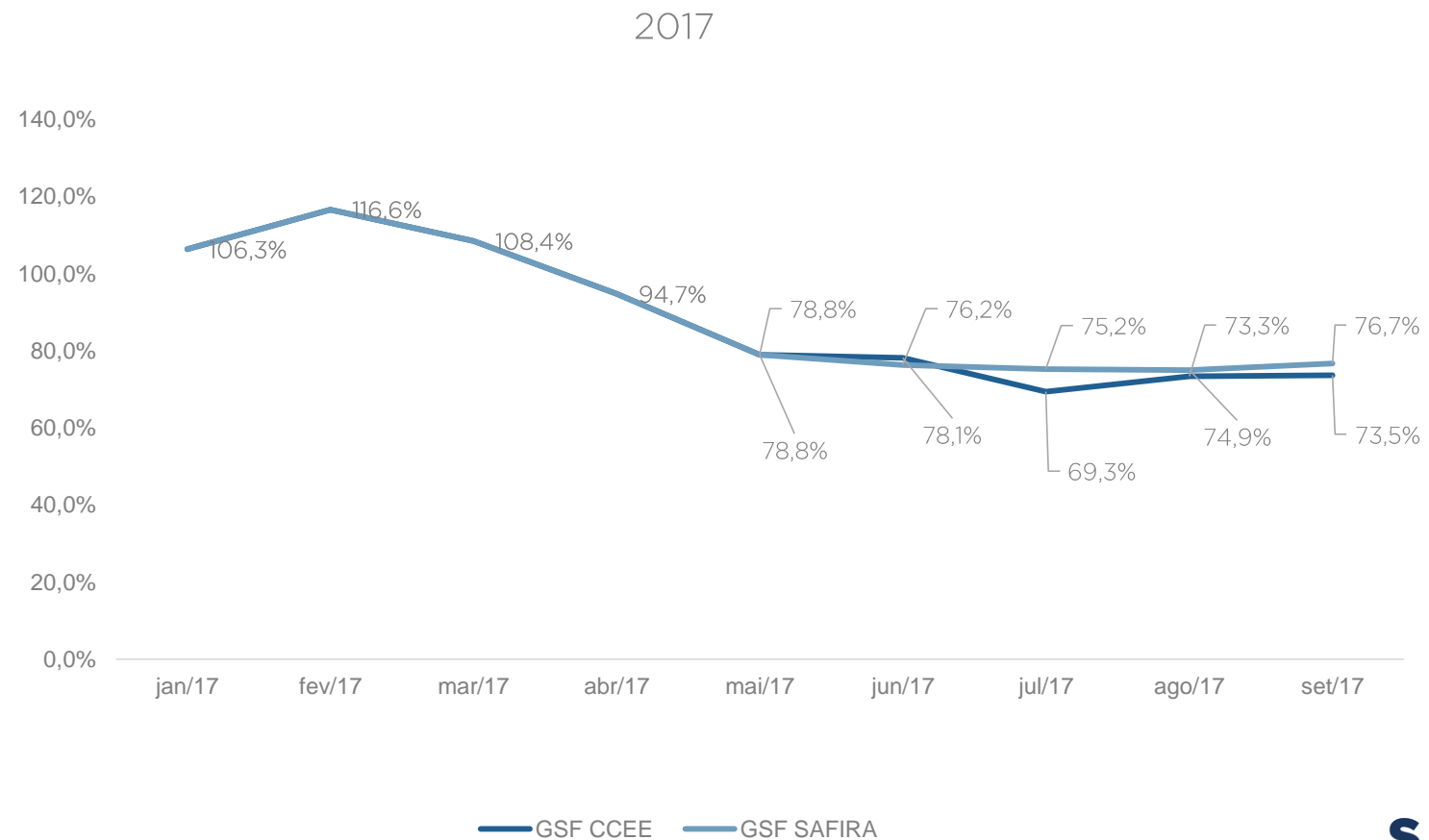


Matriz de preços

PLD OUTUBRO/17		% ENA Sul					
		70%	80%	90%	100%	110%	120%
%ENA Sudeste/Centro- Oeste	70%	509,38	494,82	456,17	436,65	431,57	406,65
	80%	434,33	416,23	407,27	406,23	390,62	386,22
	90%	399,02	390,48	383,97	355,91	354,96	329,01
	100%	356,10	355,91	329,25	327,93	306,95	306,95
	110%	306,95	306,95	306,75	297,24	261,75	261,75
	120%	264,42	261,75	260,97	260,97	260,97	260,97
							Nordeste: 41% e Norte: 65%

ENA %MLT	ago/17	set/17	out/17	nov/17	dez/17
SE/CO	86	88	95	97	89
S	52	83	91	78	90
NE	32	36	41	38	45
N	58	57	65	66	60

GDF



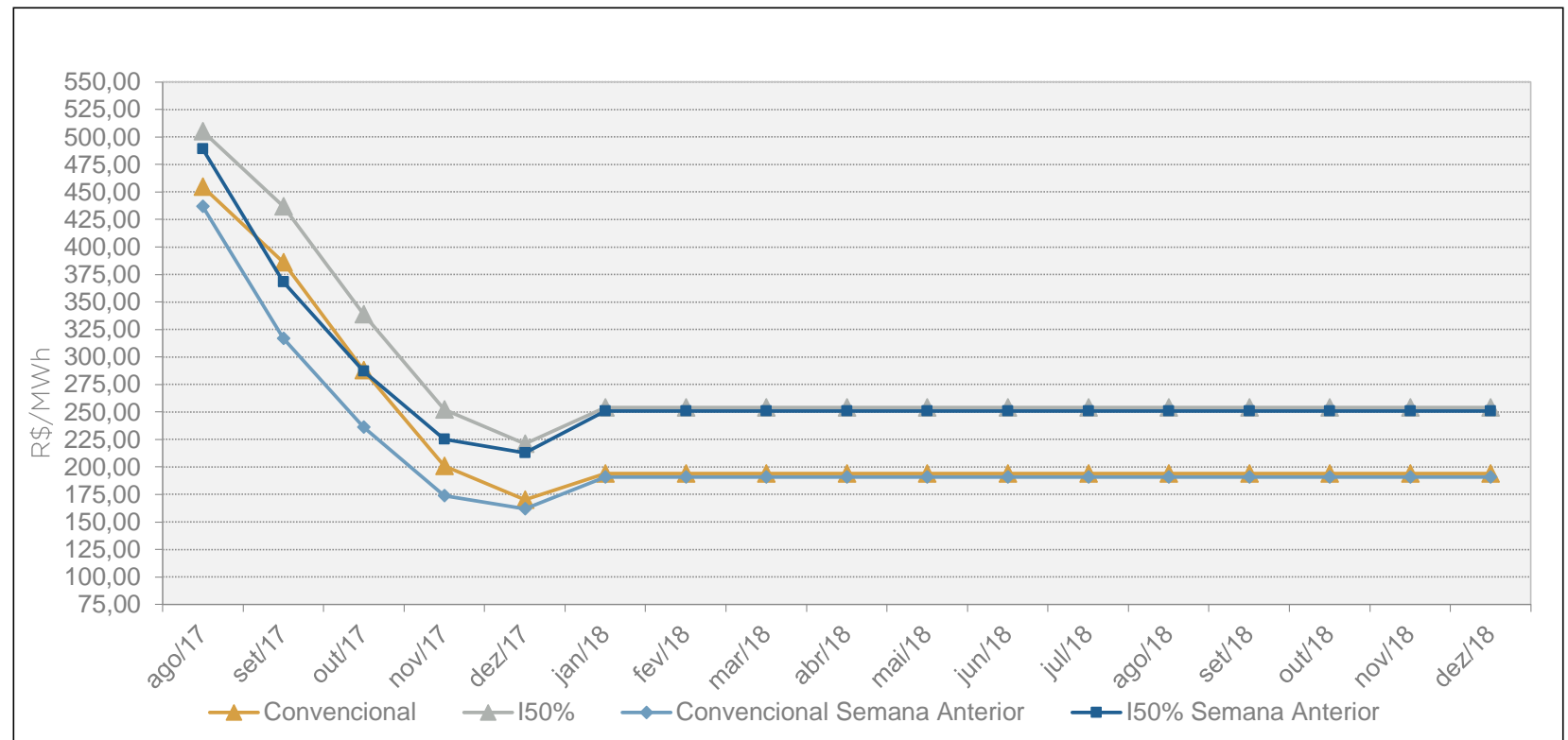
Análise de mercado



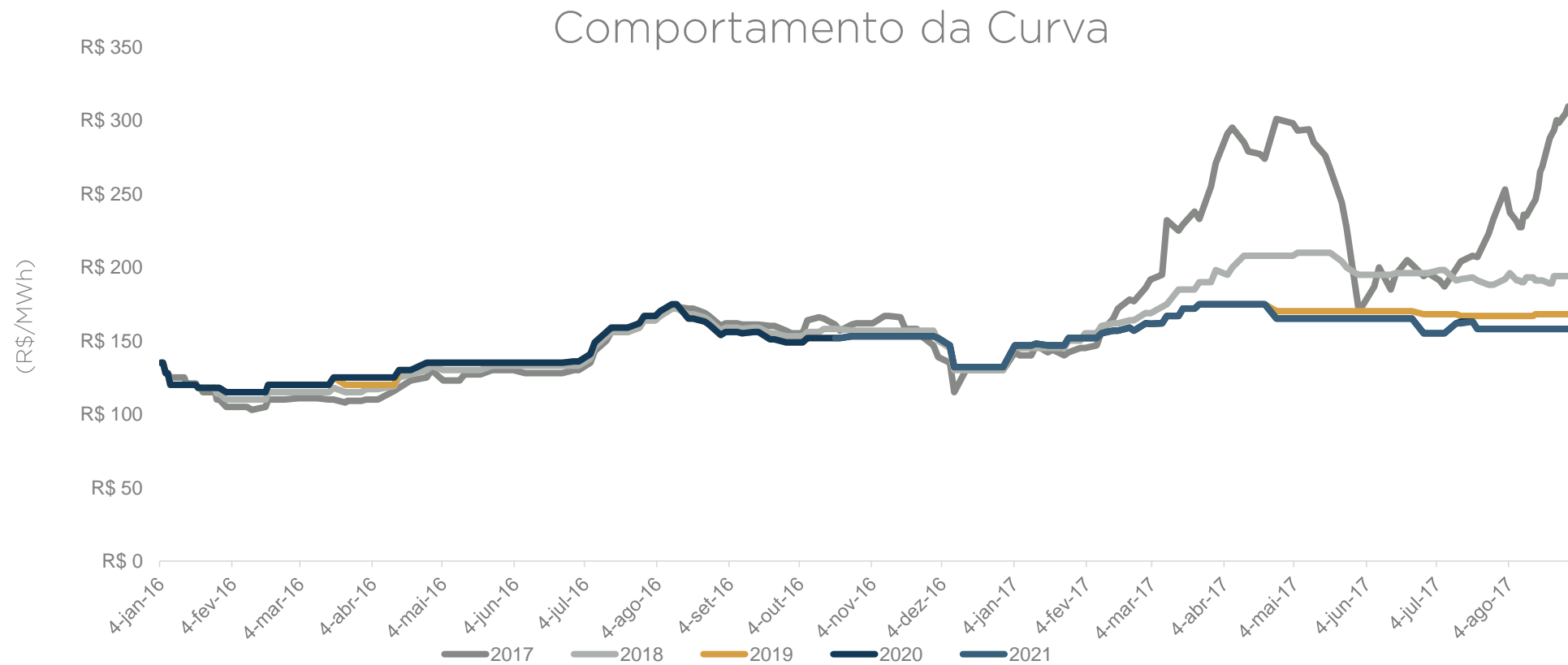
Curva Forward

Período 21/ago/2017 a 25/ago/2017

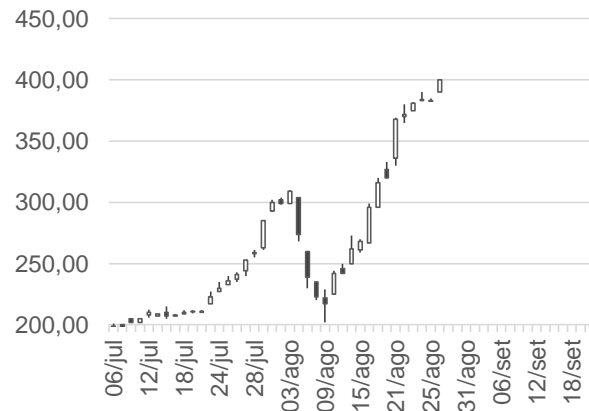
	Convencional	i-50%
ago-17	455,00	505,00
set-17	386,00	437,00
out-17	288,00	339,00
nov-17	201,00	252,00
dez-17	170,00	221,00
jan-18	194,00	254,00
fev-18	194,00	254,00
mar-18	194,00	254,00
abr-18	194,00	254,00
mai-18	194,00	254,00
jun-18	194,00	254,00
jul-18	194,00	254,00
ago-18	194,00	254,00
set-18	194,00	254,00
out-18	194,00	254,00
nov-18	194,00	254,00
dez-18	194,00	254,00



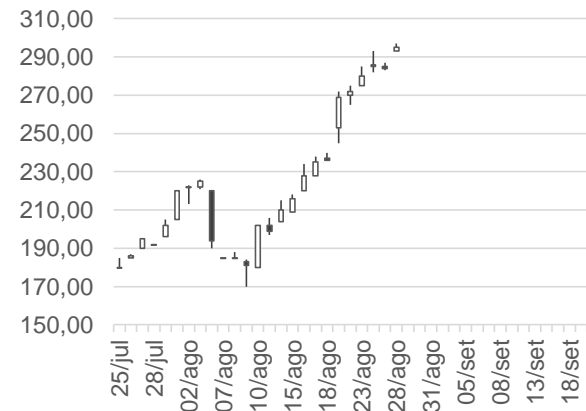
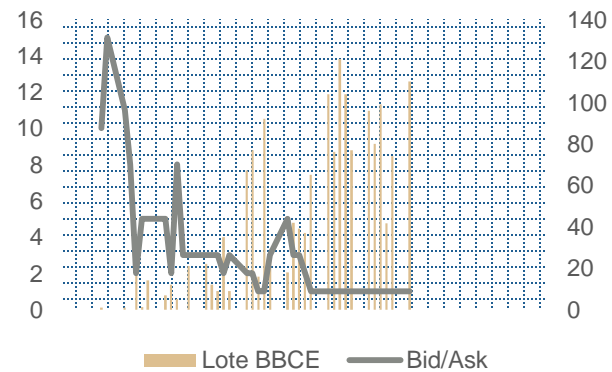
Curva Forward



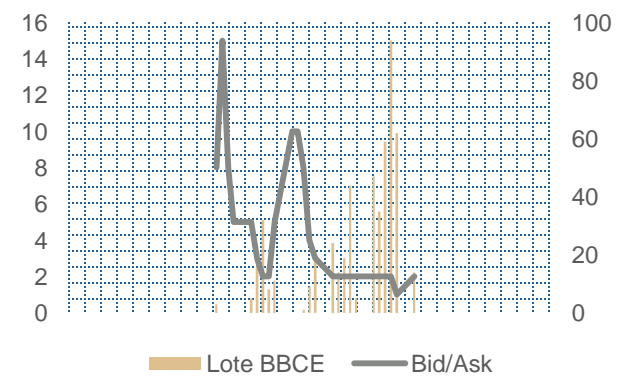
Análise de mercado



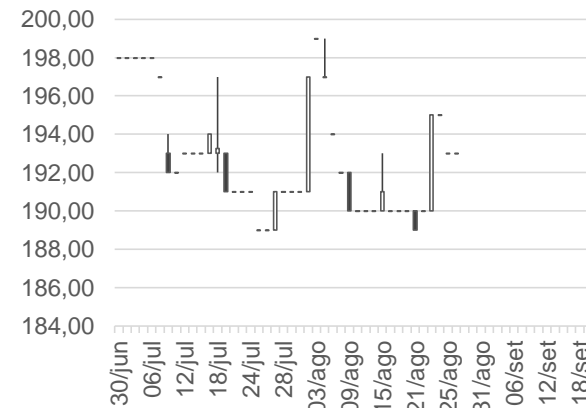
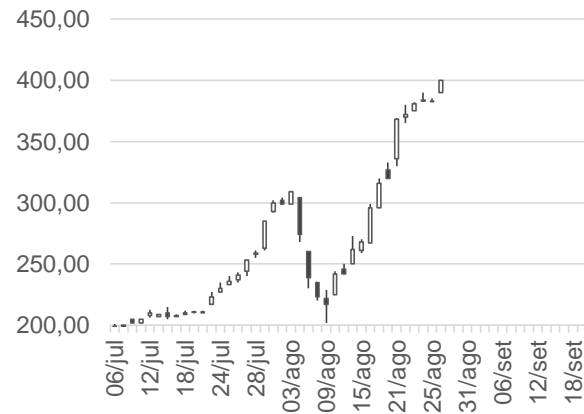
Setembro



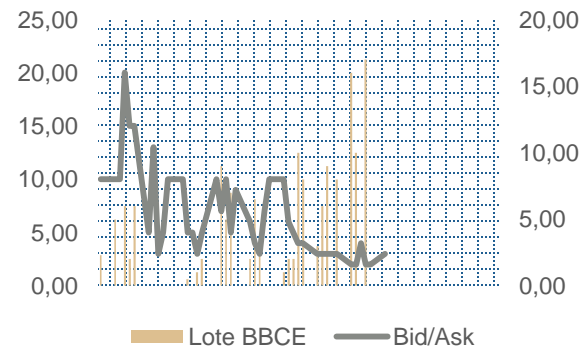
Outubro



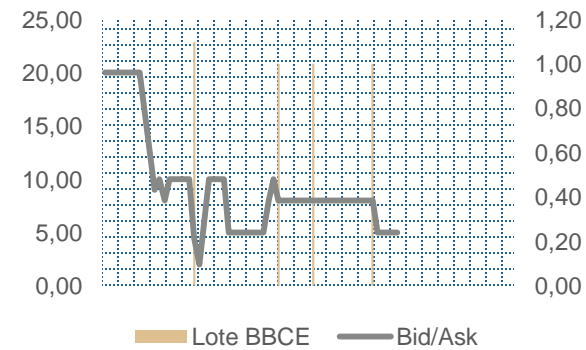
Análise de mercado



4 Trimestre

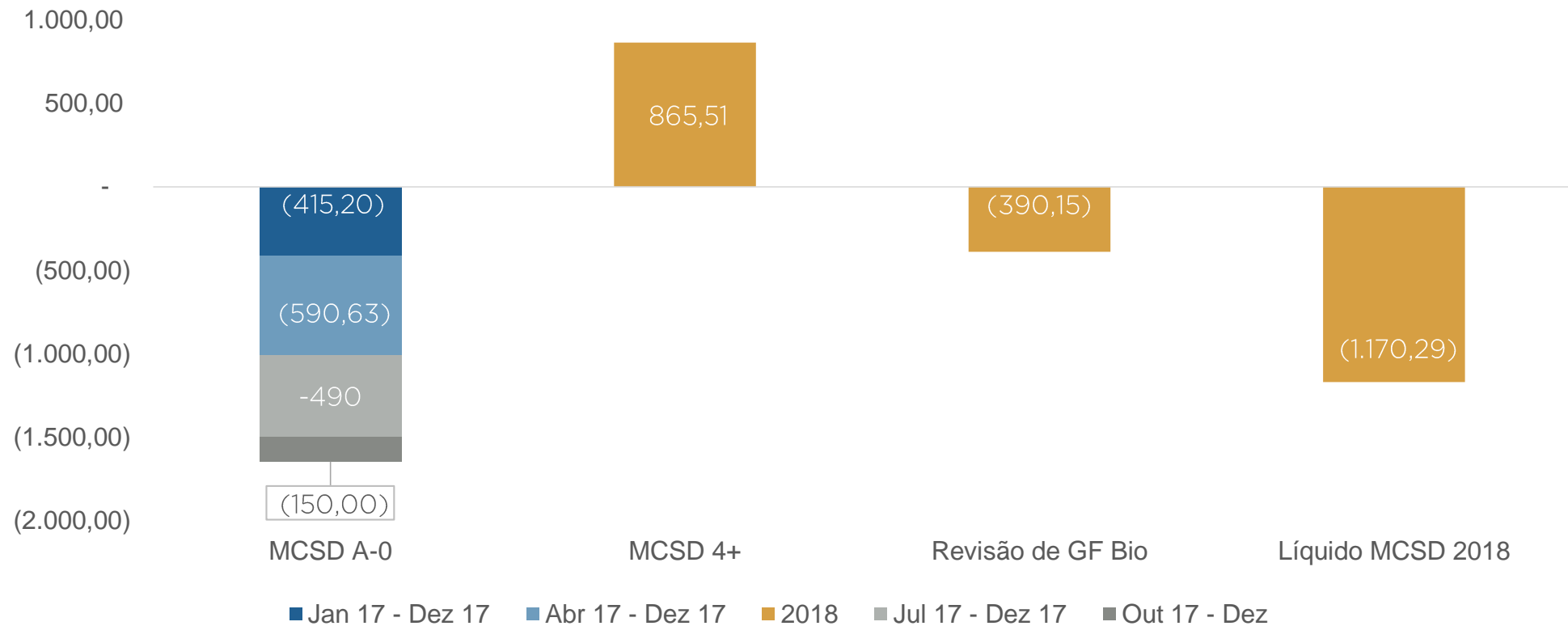


2018

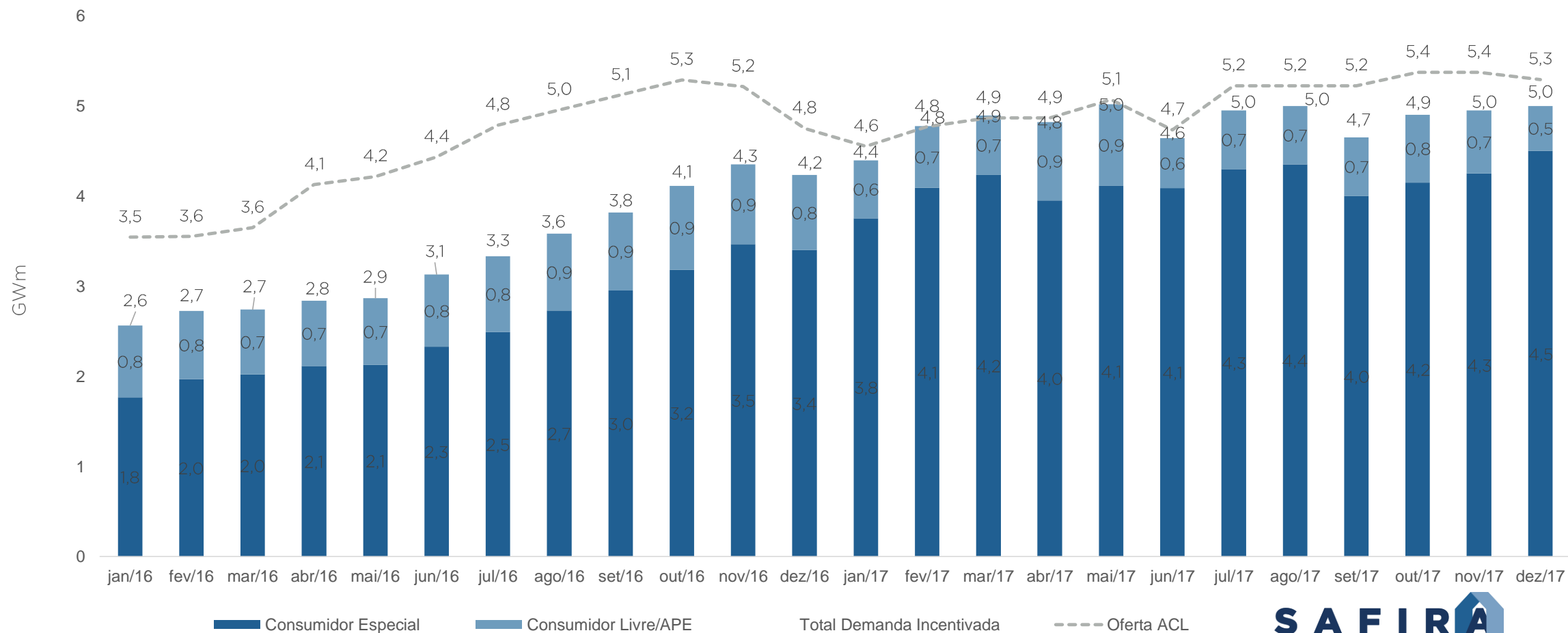


Análise de mercado

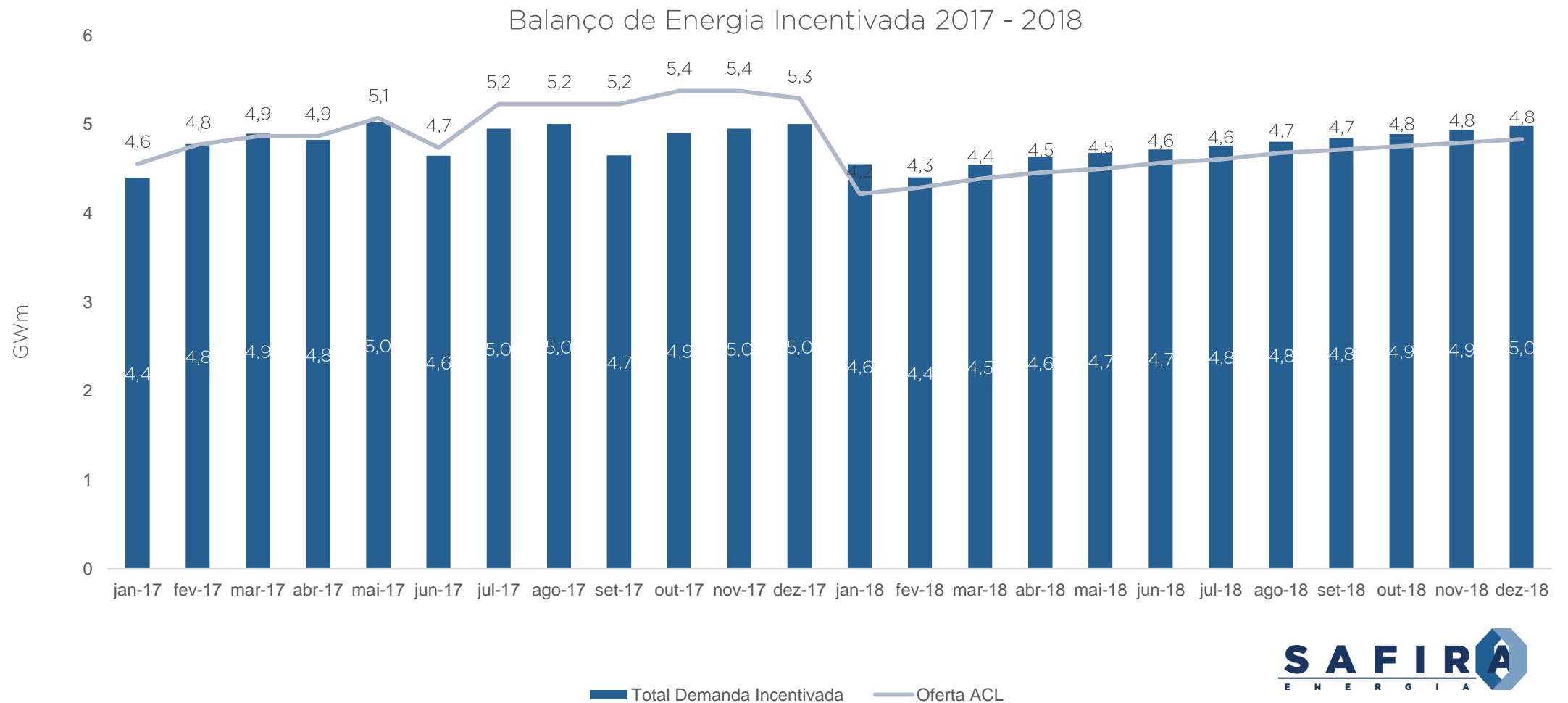
Efeito Líquido MCSD Energia Nova e Revisão GF Biomassa 2018 MWm



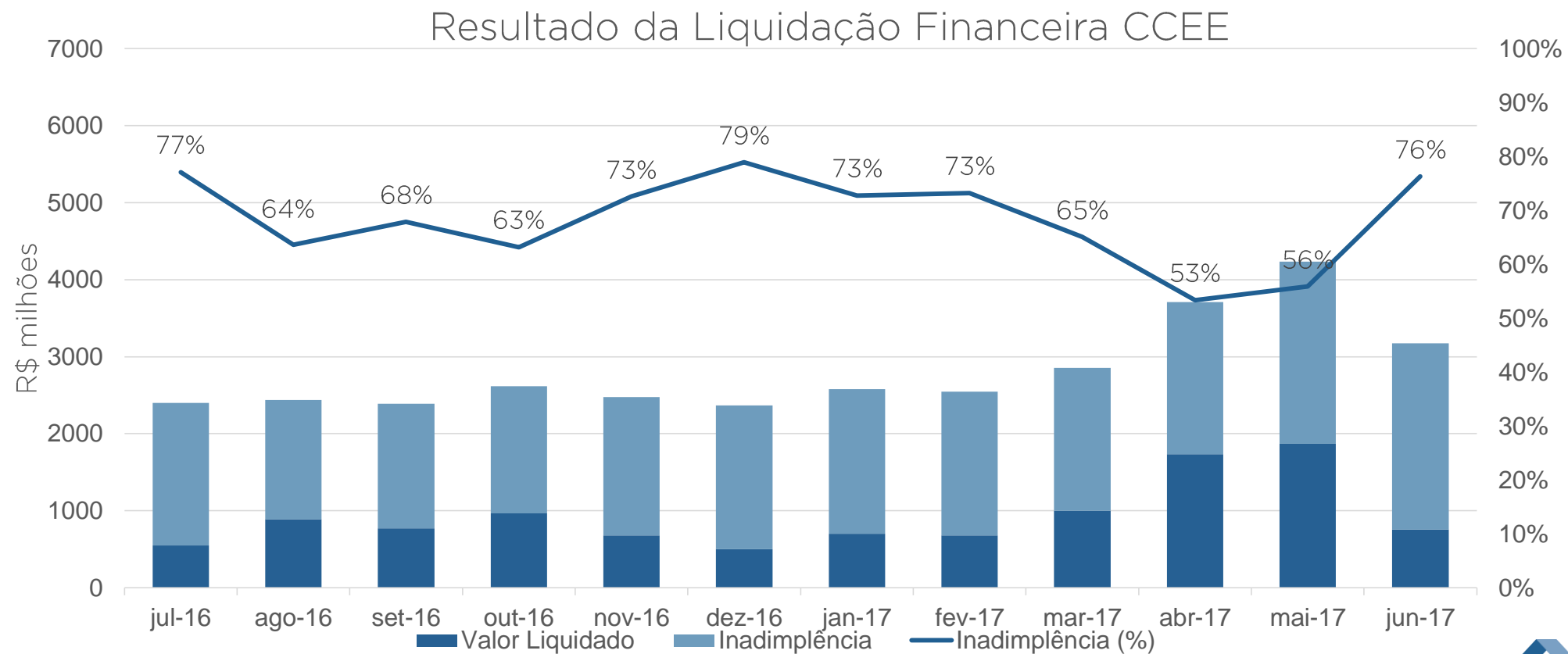
Balanço de energia incentivada com média móvel



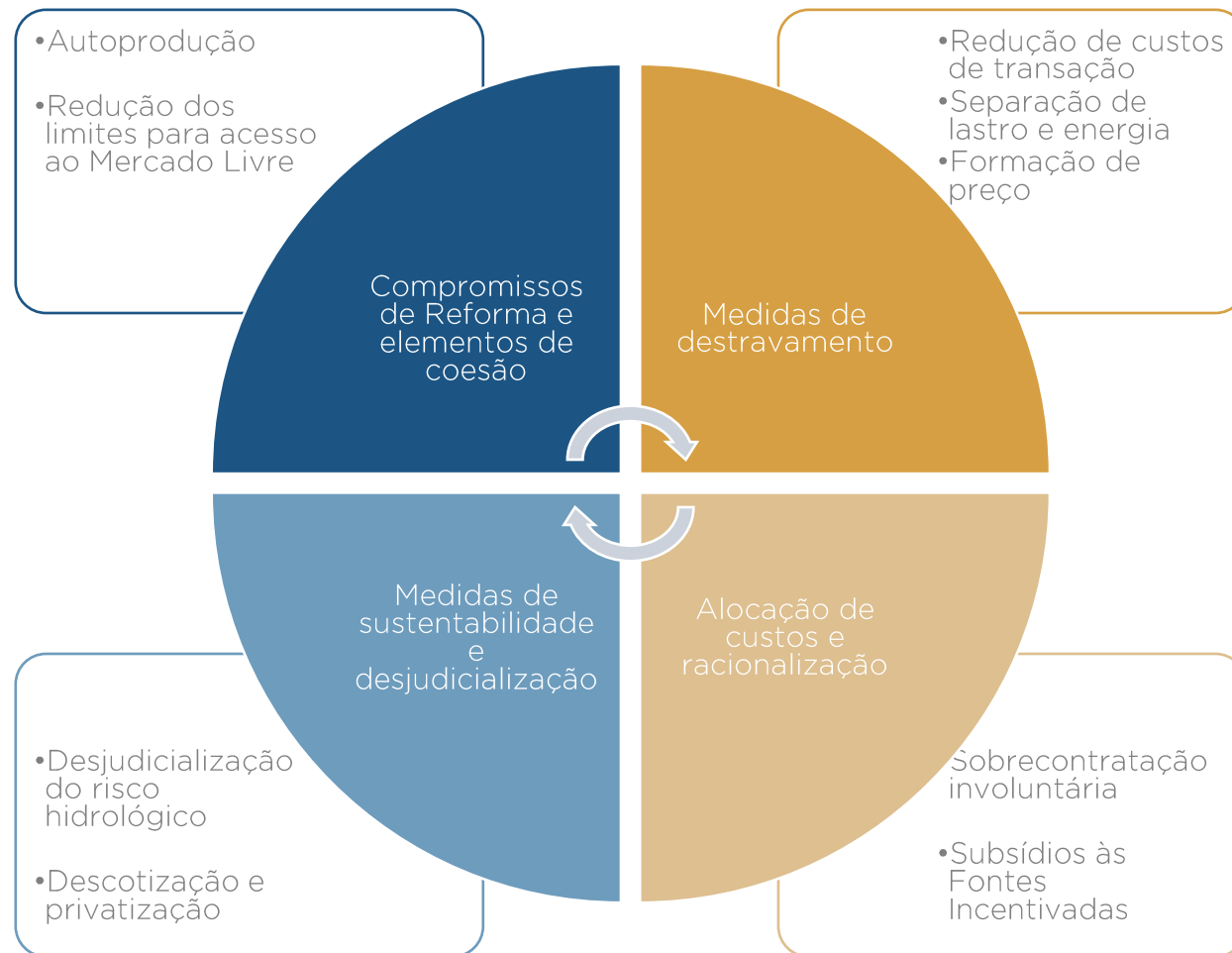
Balanço de energia incentivada com média móvel



Inadimplência CCEE



Consulta pública n 33



CONSULTORIA & INTELIGÊNCIA DE MERCADO

“Timing”: a expressão que caracteriza as percepções assertivas e essenciais para decisões a serem tomadas com base em projeções para o futuro é um dos diferenciais da Safira Energia, que ainda oferece:



1.

Atendimento personalizado para consumidores e geradores;

2.

Alto grau de assertividade para projeções de clima e de preço;

3.

Conteúdo exclusivo gerado a partir de estudos criteriosos e monitoramento diário dos principais acontecimentos do mercado, como boletins para acompanhamento do regulatório e comentários de nossos especialistas a respeito dos últimos acontecimentos do setor.



Obrigado!

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