



3ª Reunião da Sala de Crise da Região Sul
22 de março de 2023

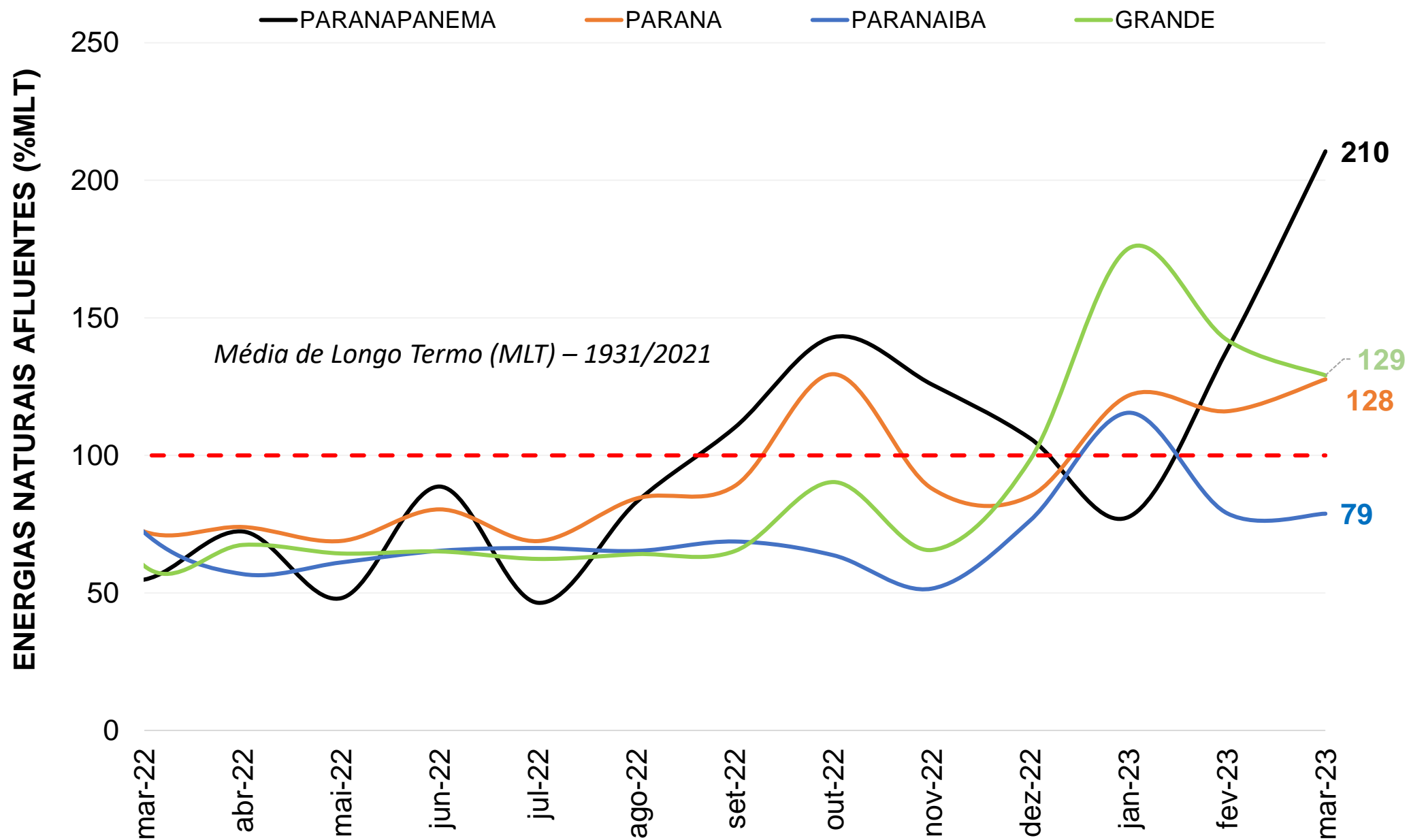
Avaliação das condições hidrológicas e de armazenamento dos reservatórios do subsistema Sul

Agenda

- 1. Contextualização da situação energética do SIN**
- 2. Condições hidrológicas e de armazenamento no subsistema Sul**
- 3. Operação dos principais reservatórios**
- 4. Resultados das simulações hidráulicas**

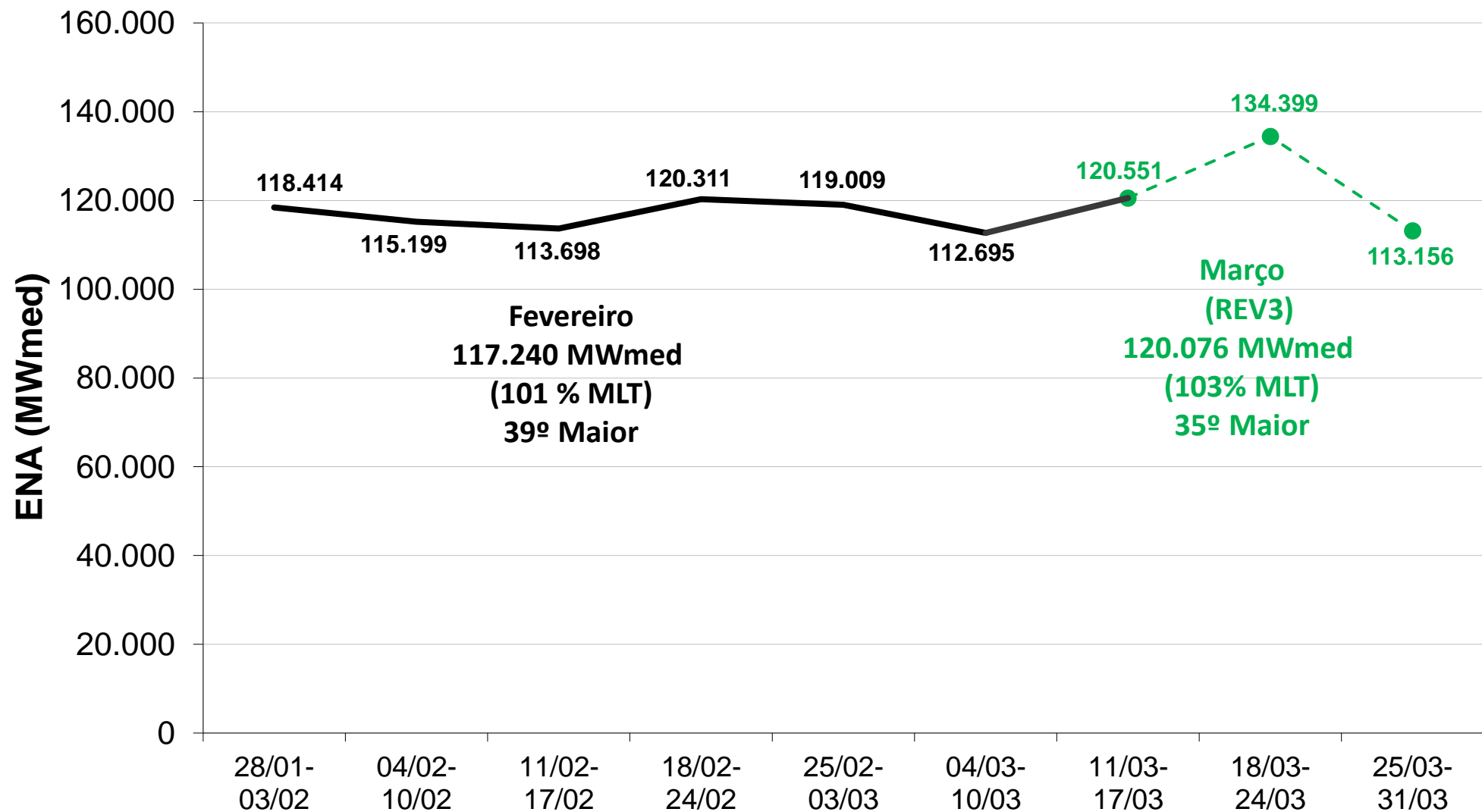
CONTEXTUALIZAÇÃO DA SITUAÇÃO ENERGÉTICA DO SIN

Energias naturais afluentes de bacias da região Sudeste

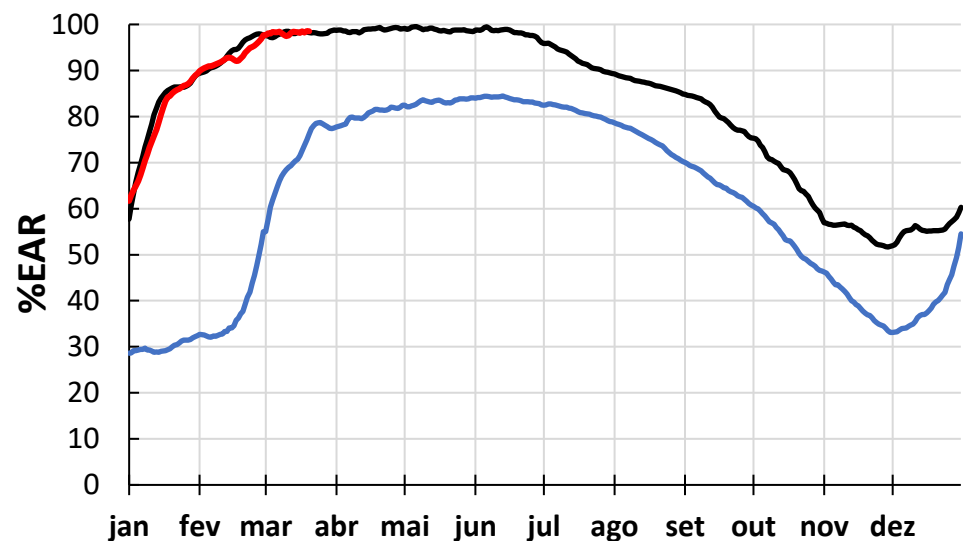
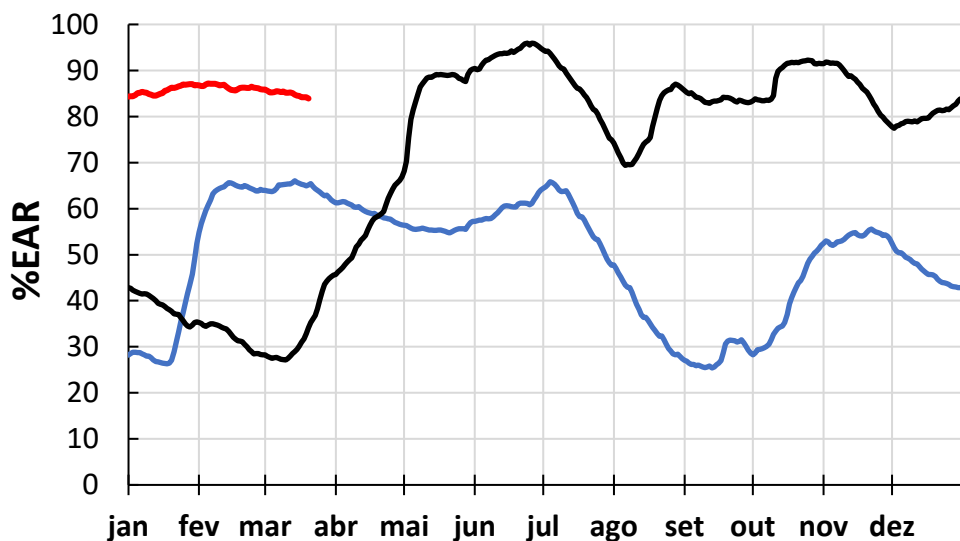
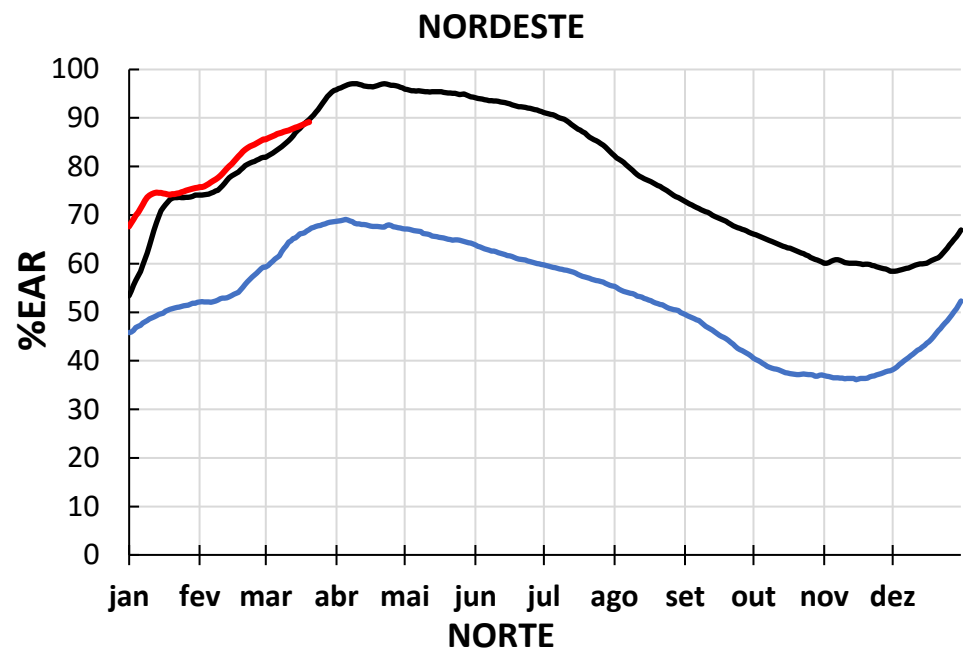
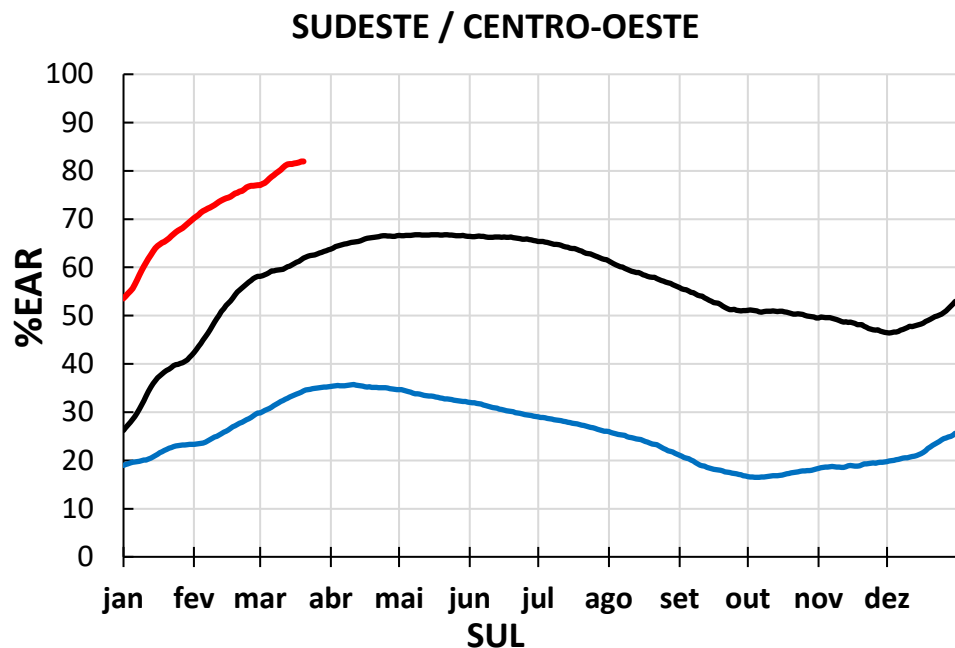


Nota: Dados até 20/03/2023.

Projeção da evolução das afluências do SIN

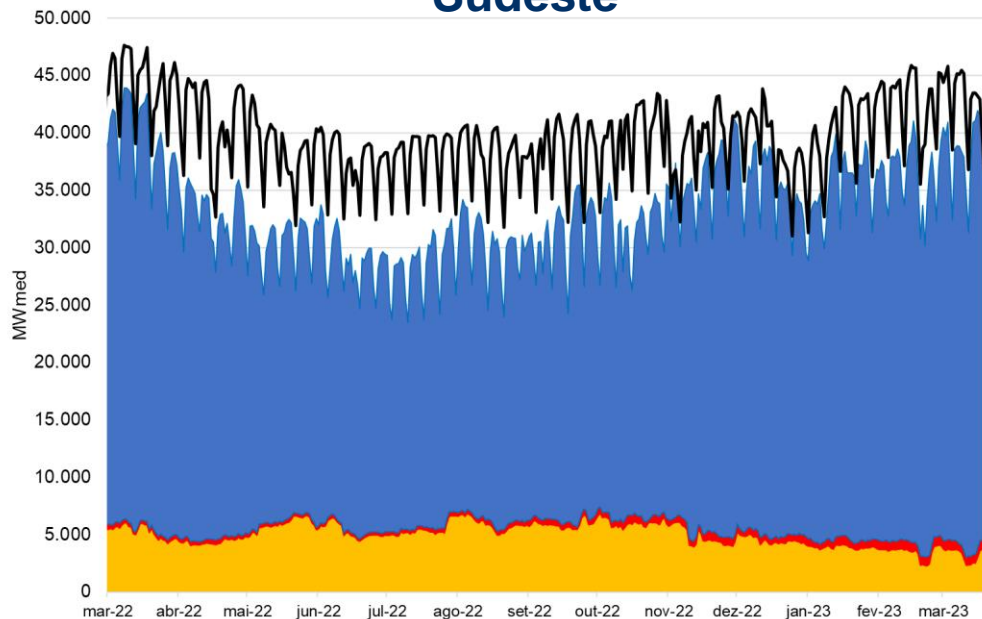


Evolução dos armazenamentos nos subsistemas do SIN em 2023

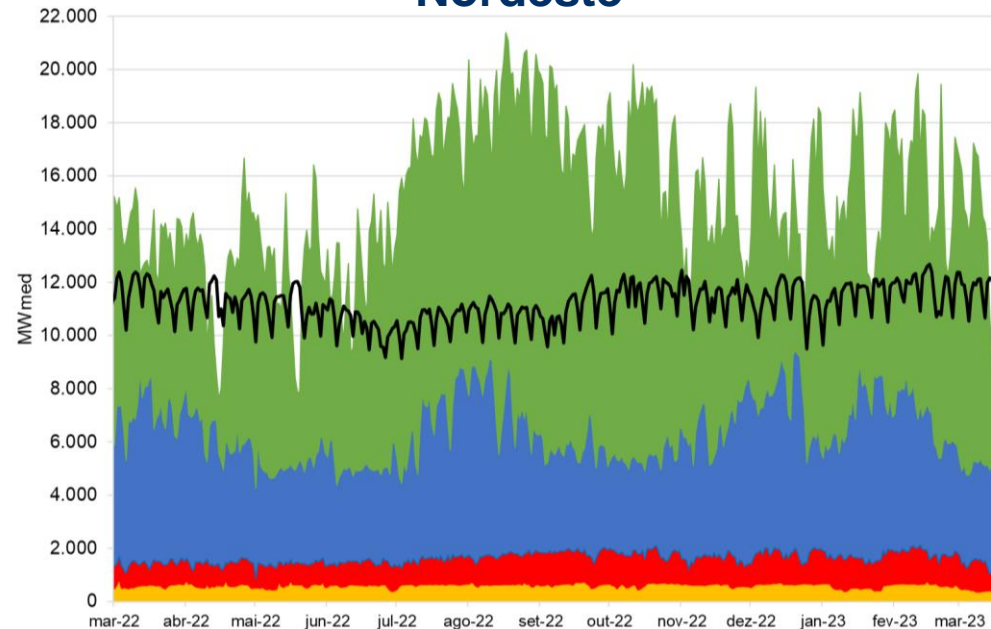


Balço energético dos subsistemas em 2022 e 2023

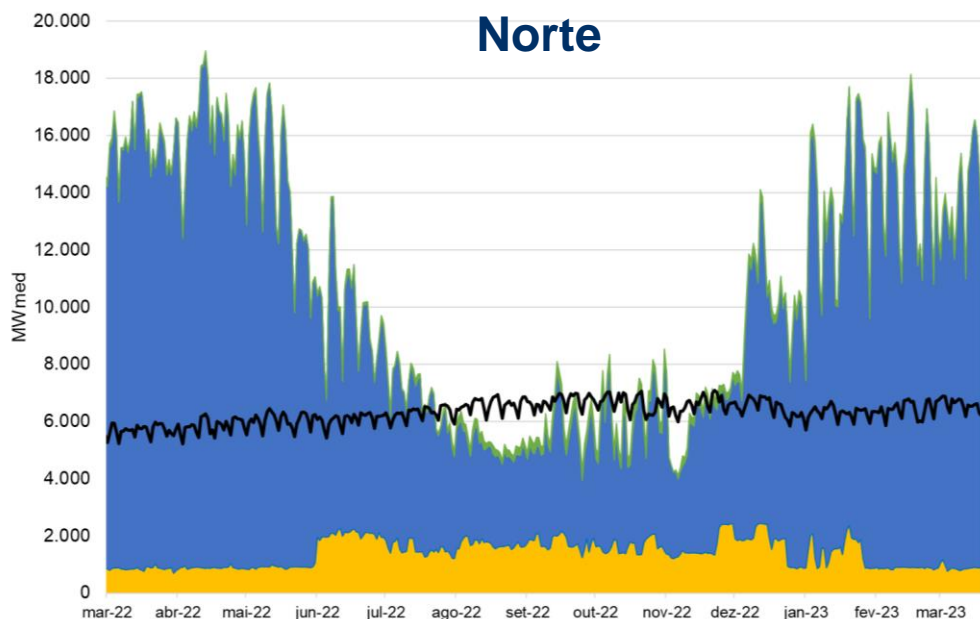
Sudeste



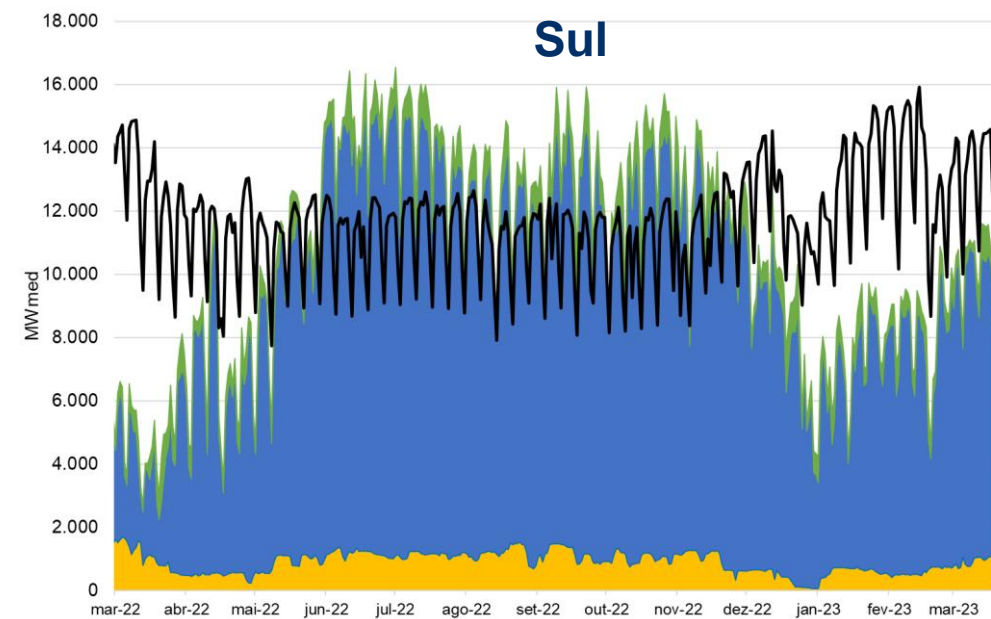
Nordeste



Norte



Sul

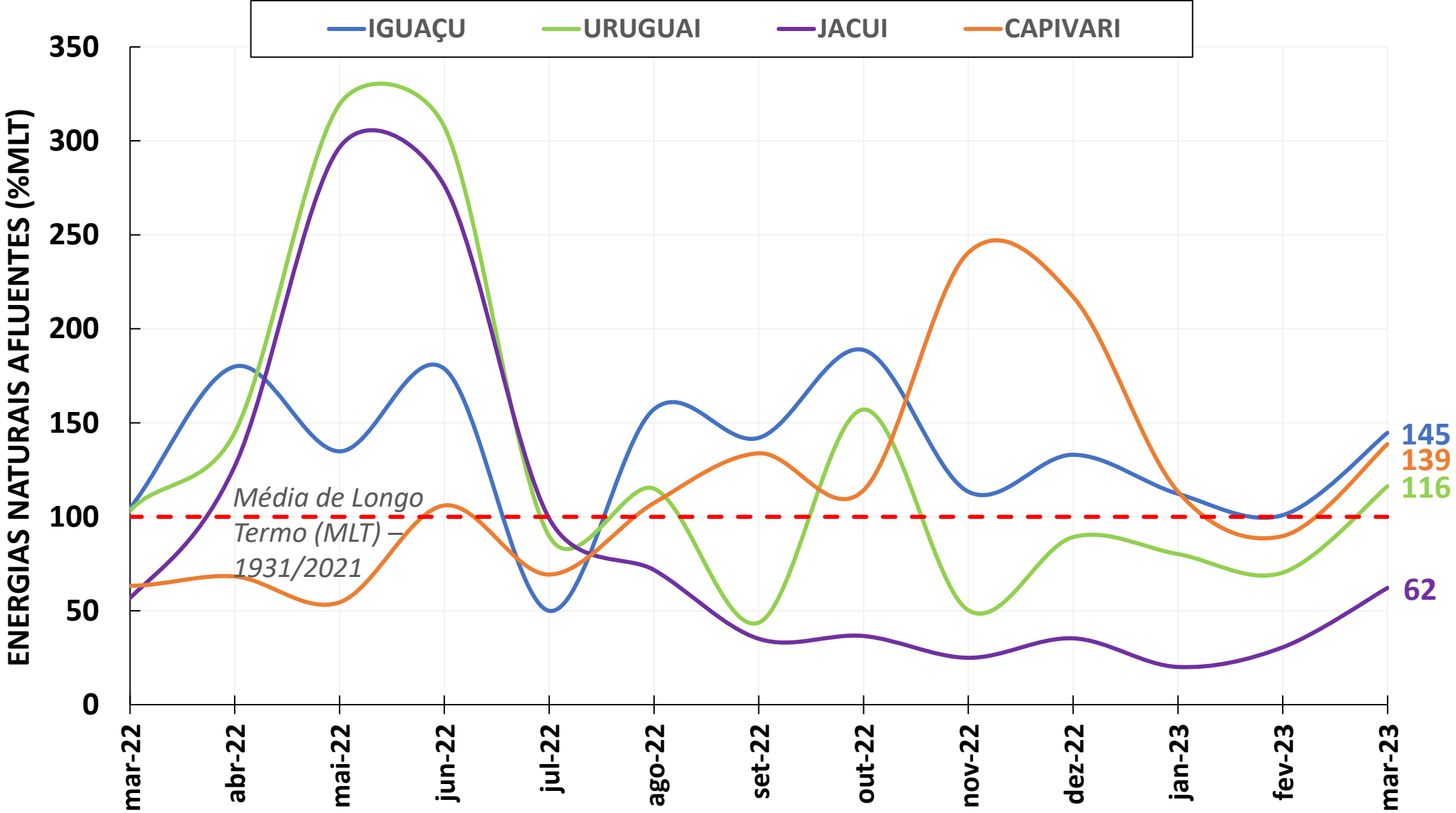


- Carga
- Eólica
- Hidro
- Solar
- Térmica

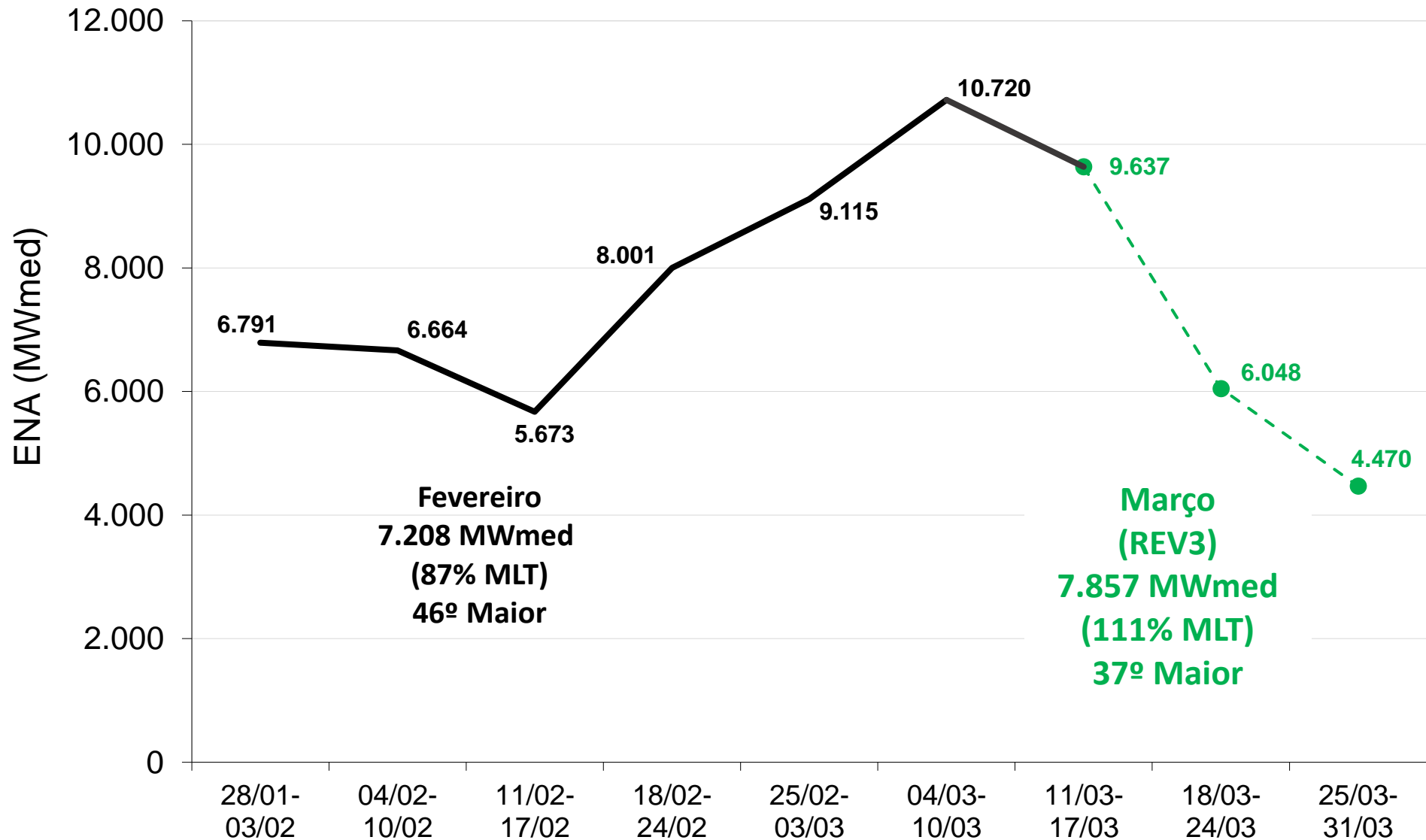


CONDIÇÕES HIDROLÓGICAS E ARMAZENAMENTOS NO SUBSISTEMA SUL

Energia natural afluente nas bacias da região Sul

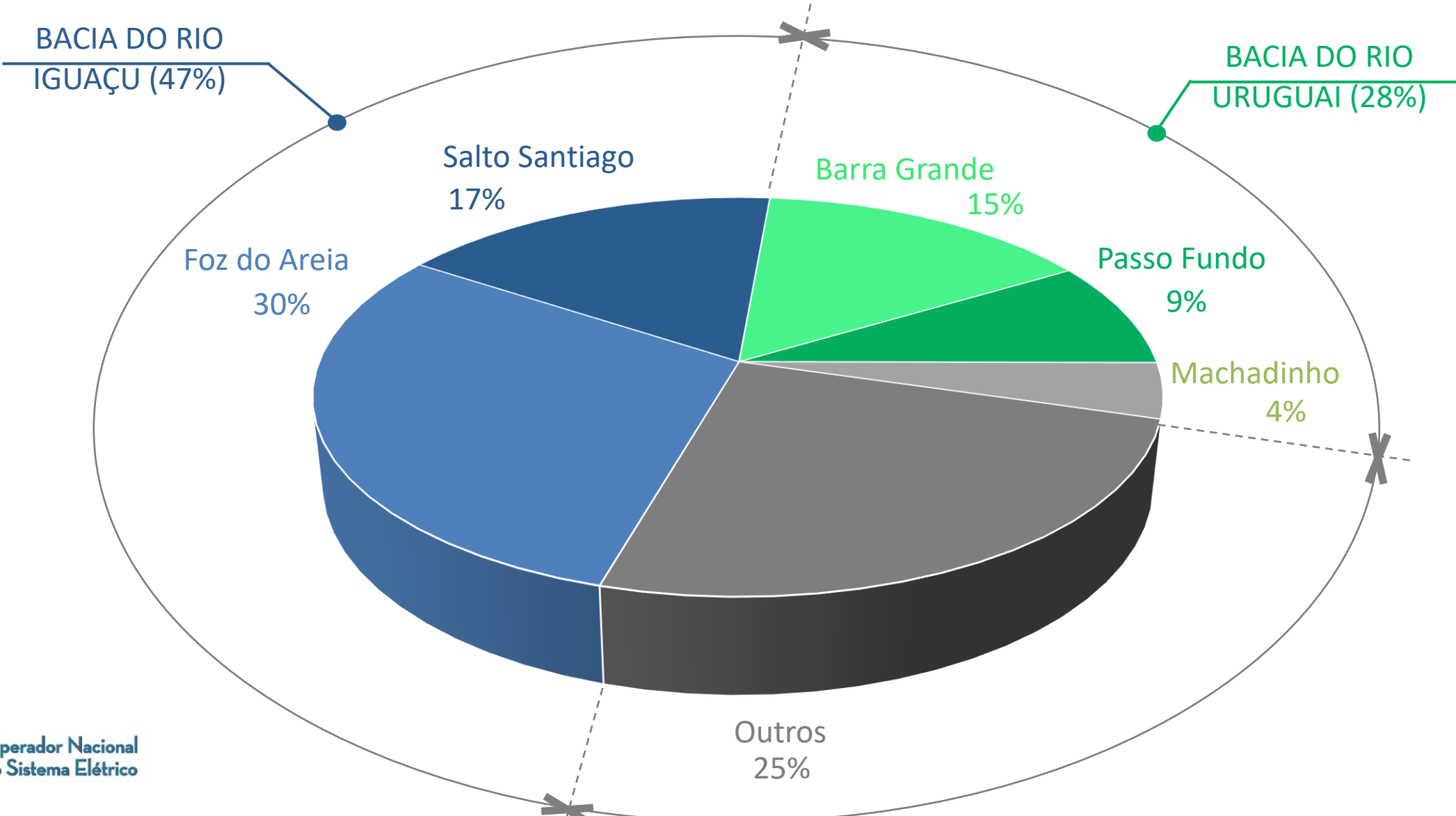


Projeção da evolução das afluências para o subsistema Sul

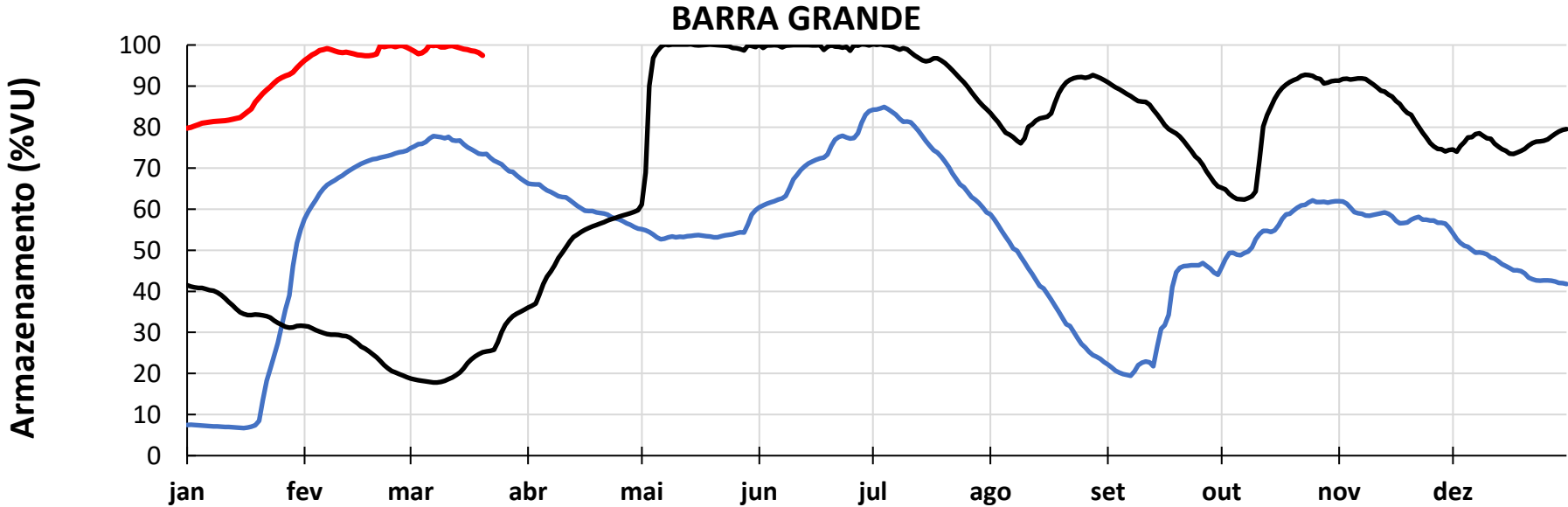
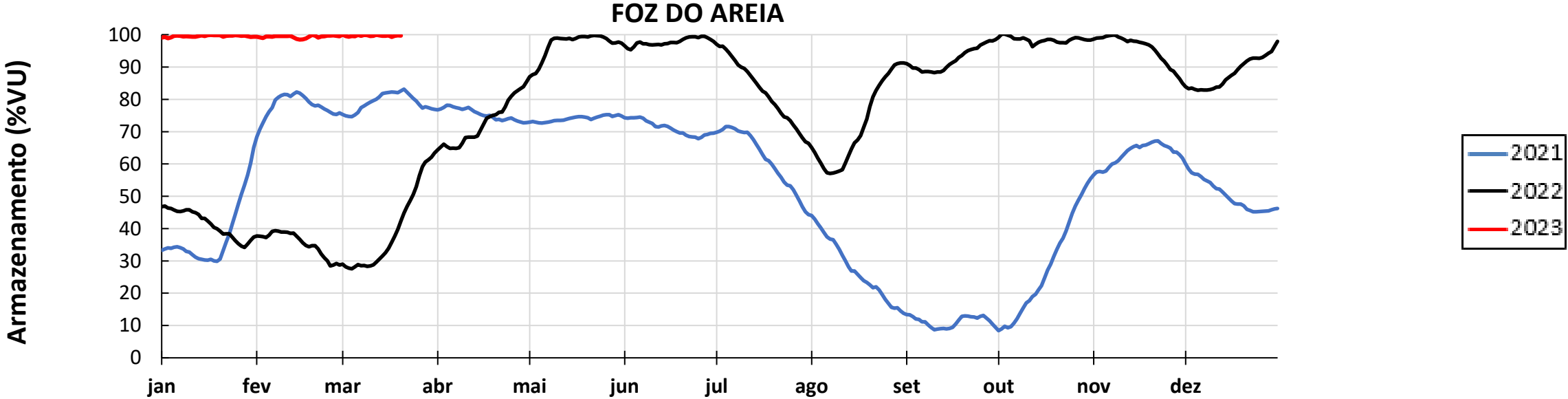


Participação dos principais reservatórios na energia armazenada máxima do subsistema Sul

EAR_{máx} do subsistema sul = 19.897MWmed (7% da EAR_{máx} do SIN)

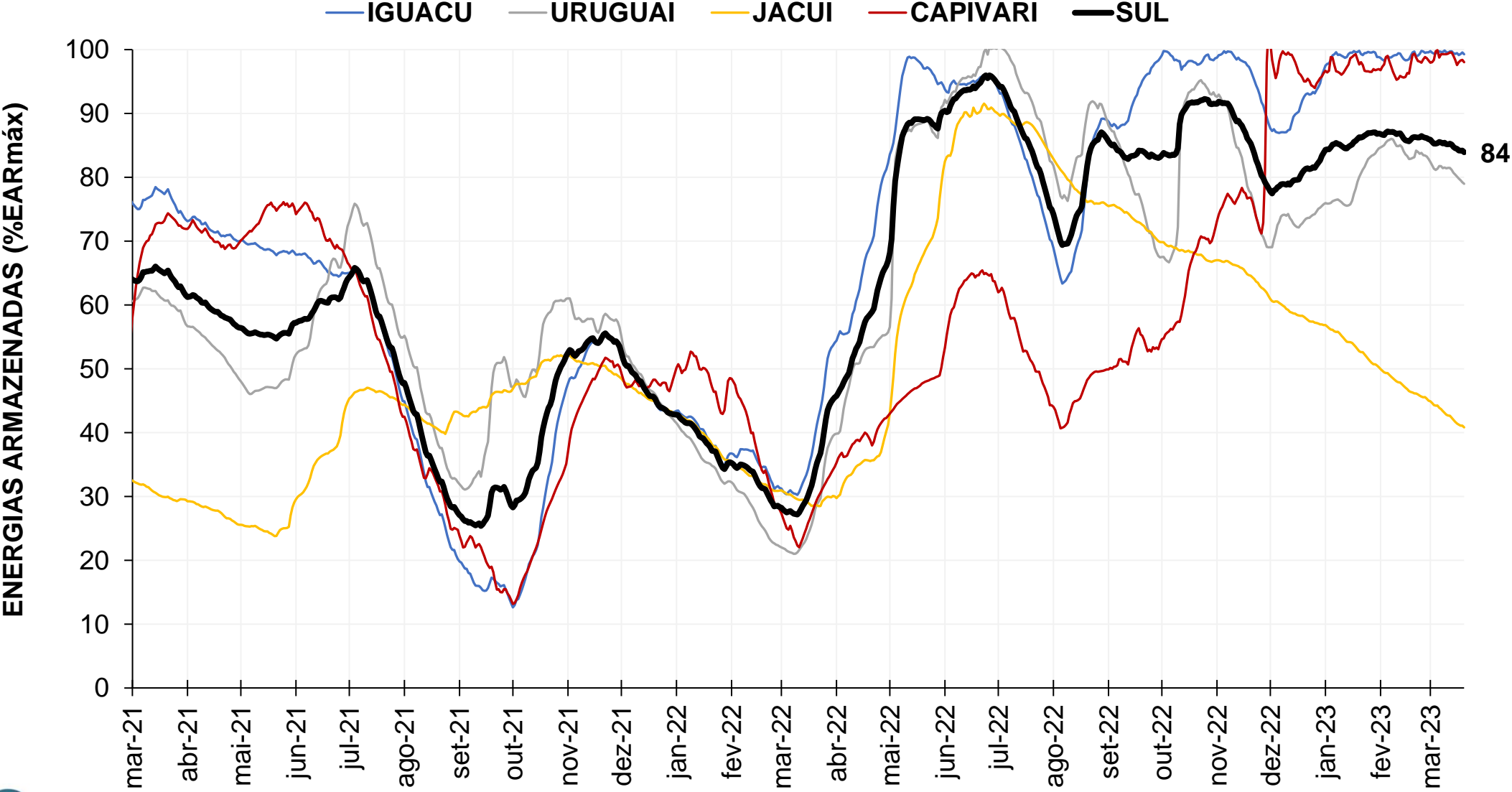


Situação de armazenamento dos principais reservatórios das bacias dos rios Iguaçu e Uruguai entre 2021 e 2023



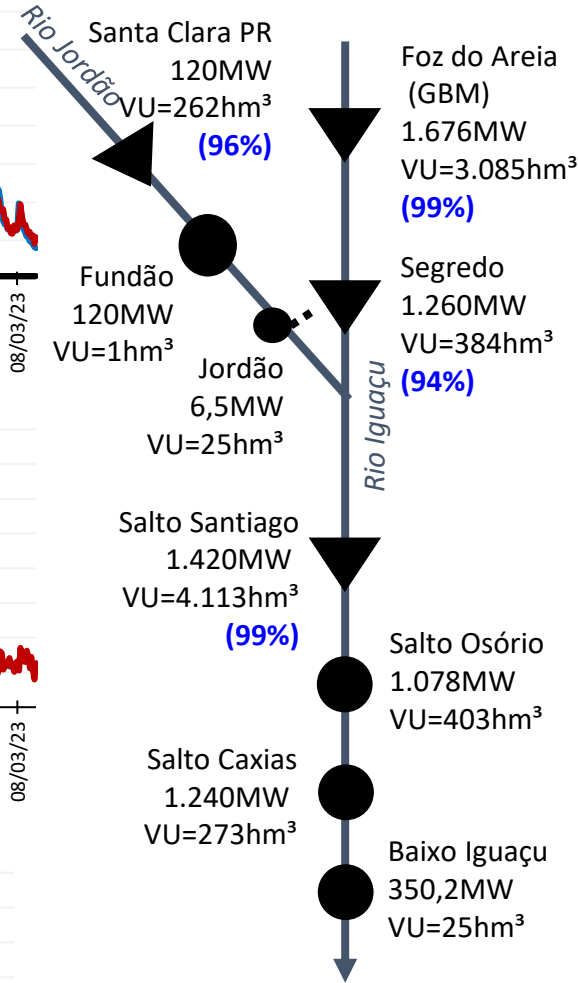
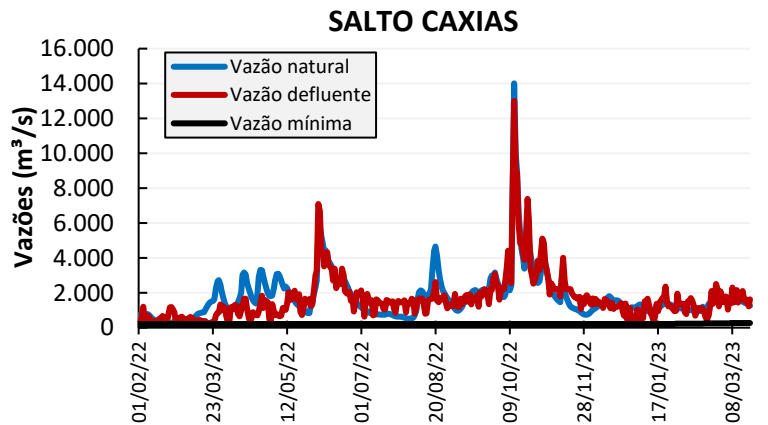
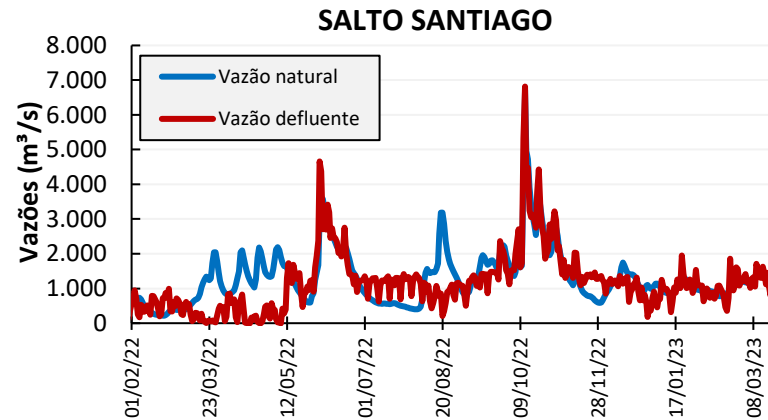
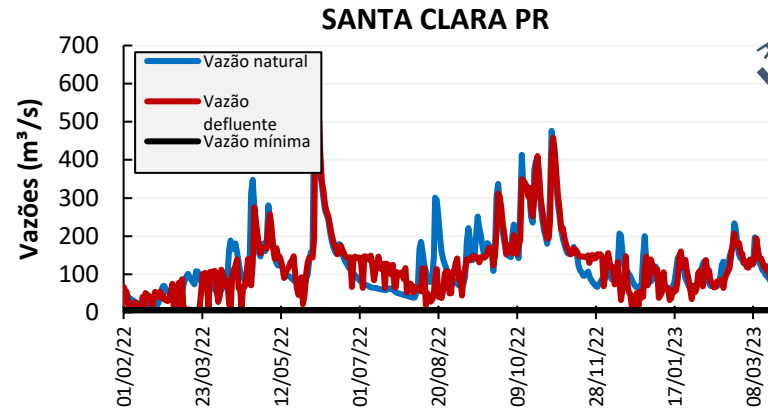
Nota: Dados até 20/03/2022.

Evolução da energia armazenada nas bacias do subsistema Sul



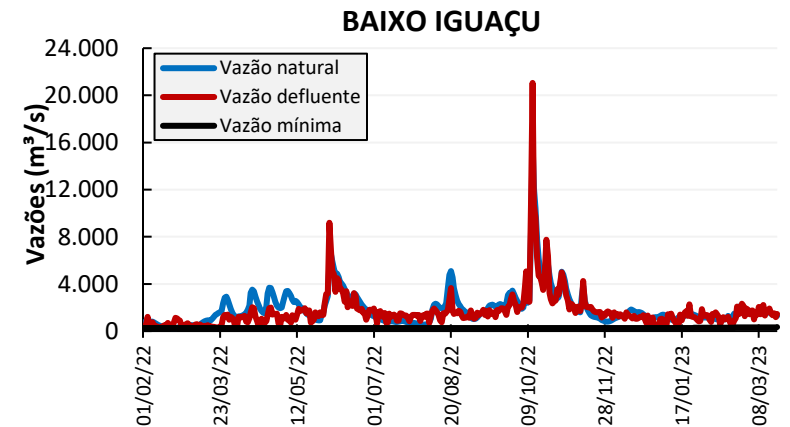
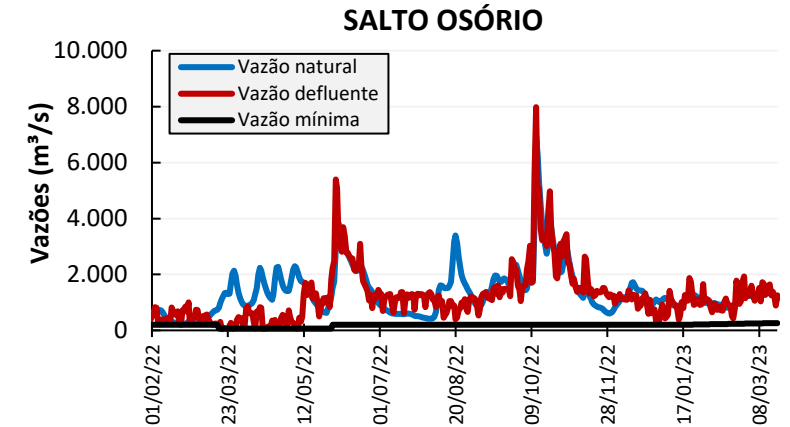
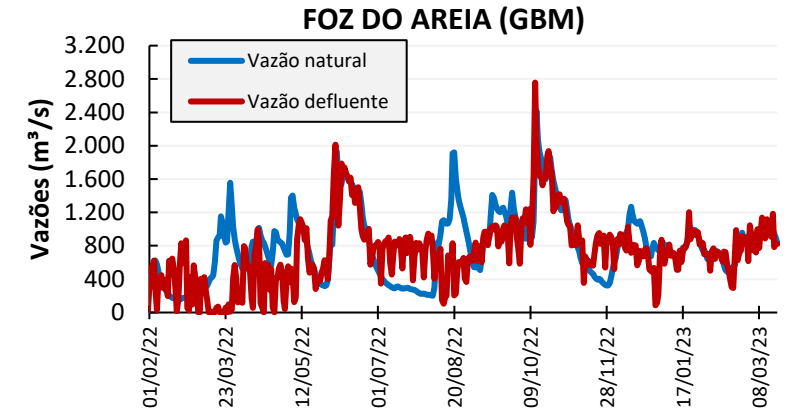
OPERAÇÃO DOS PRINCIPAIS RESERVATÓRIOS

Reservatórios da bacia do rio Iguaçu

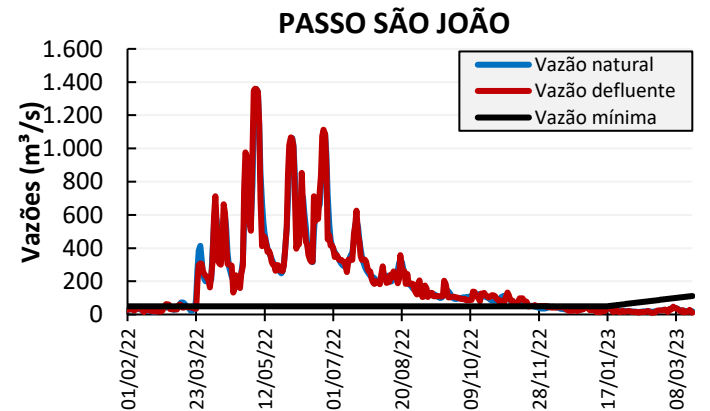
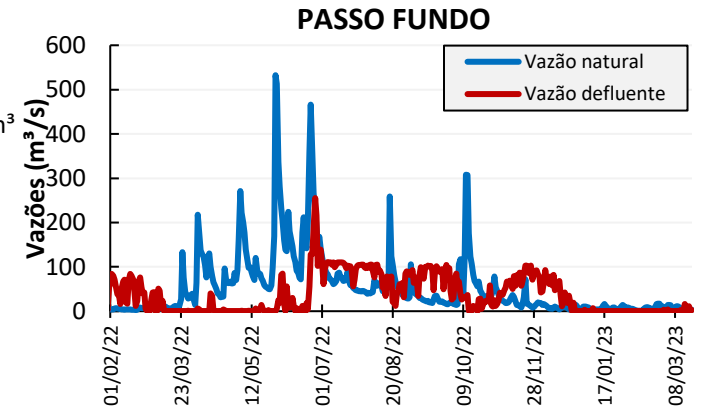
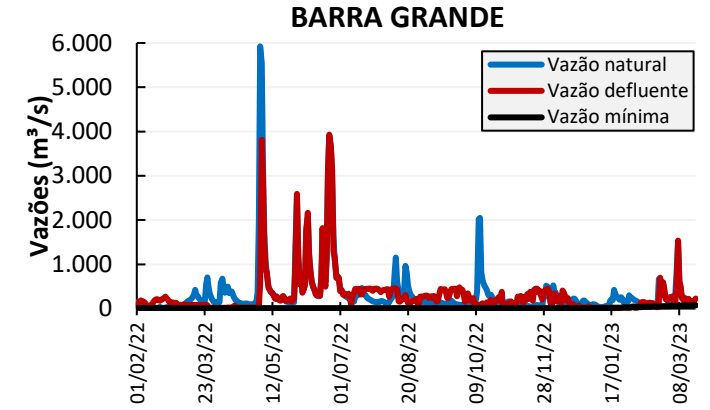
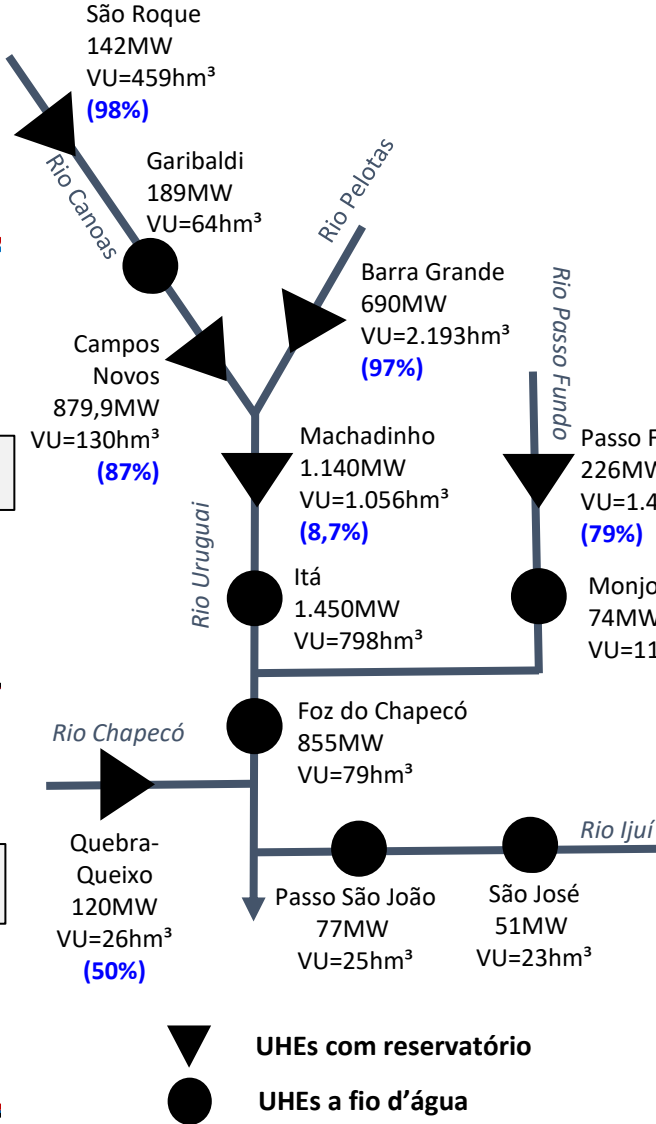
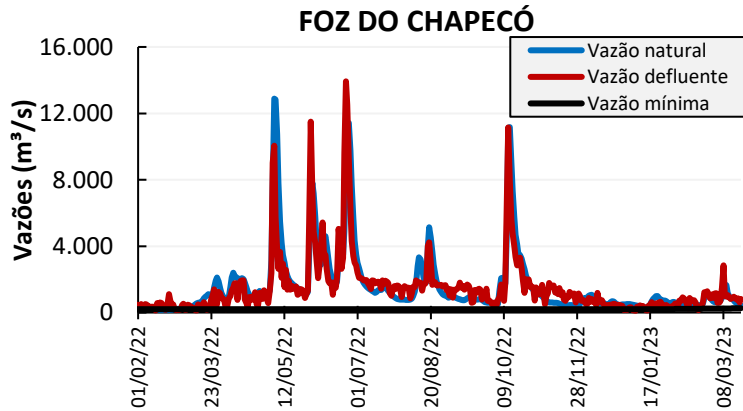
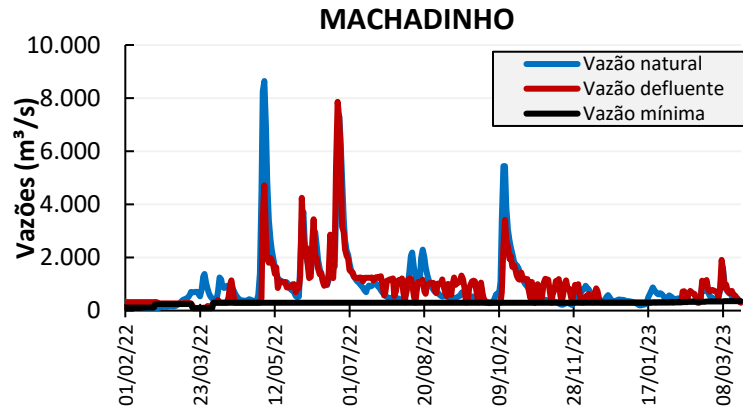
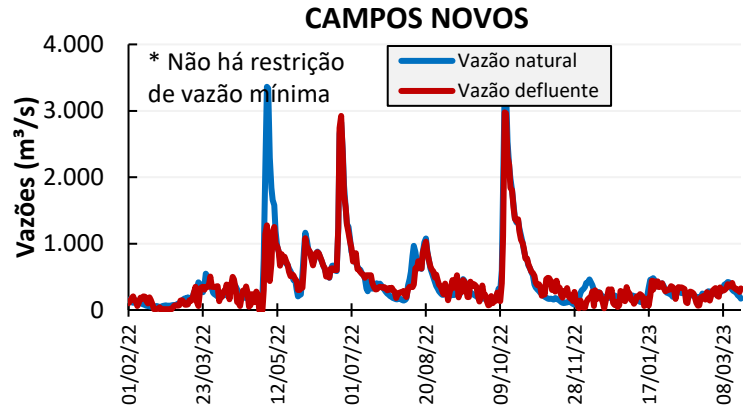


▼ UHs com reservatório
 ● UHs a fio d'água

Observações: 1) Gráficos até dia 20/03/23;
 e 2) % VUs do IPDO de 21/03/2023.



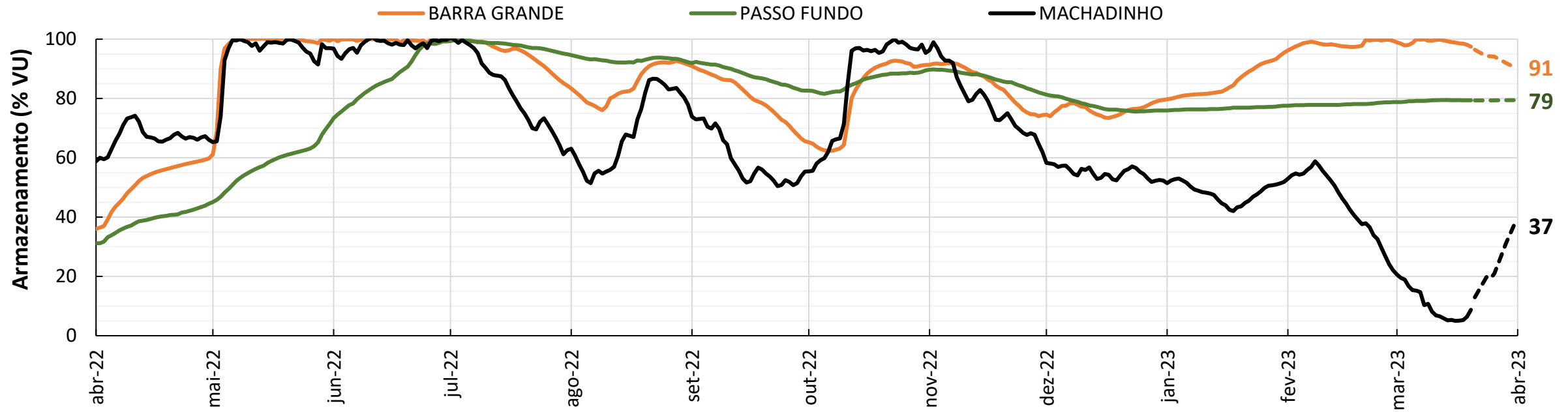
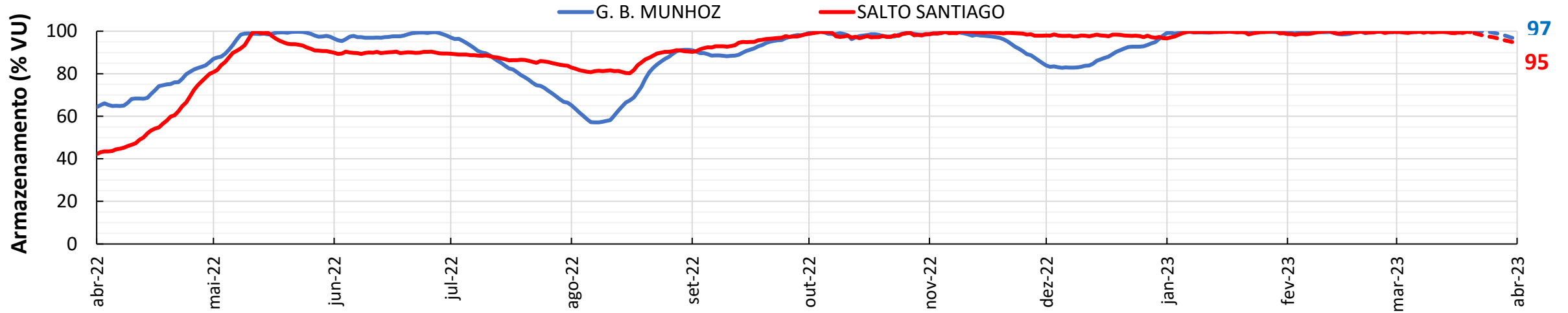
Reservatórios da bacia do rio Uruguai



Observações: 1) Gráficos até dia 14/02;
e 2) % VUs do IPDO de 15/02/2023.

RESULTADOS DAS SIMULAÇÕES HIDRÁULICAS

Resultado da simulação – 21/03/2023 a 31/03/2023





3ª Reunião da Sala de Crise da Região Sul
22 de março de 2023

Avaliação das condições hidrológicas e de armazenamento dos reservatórios do subsistema Sul