



The Tennessee River System in North Carolina

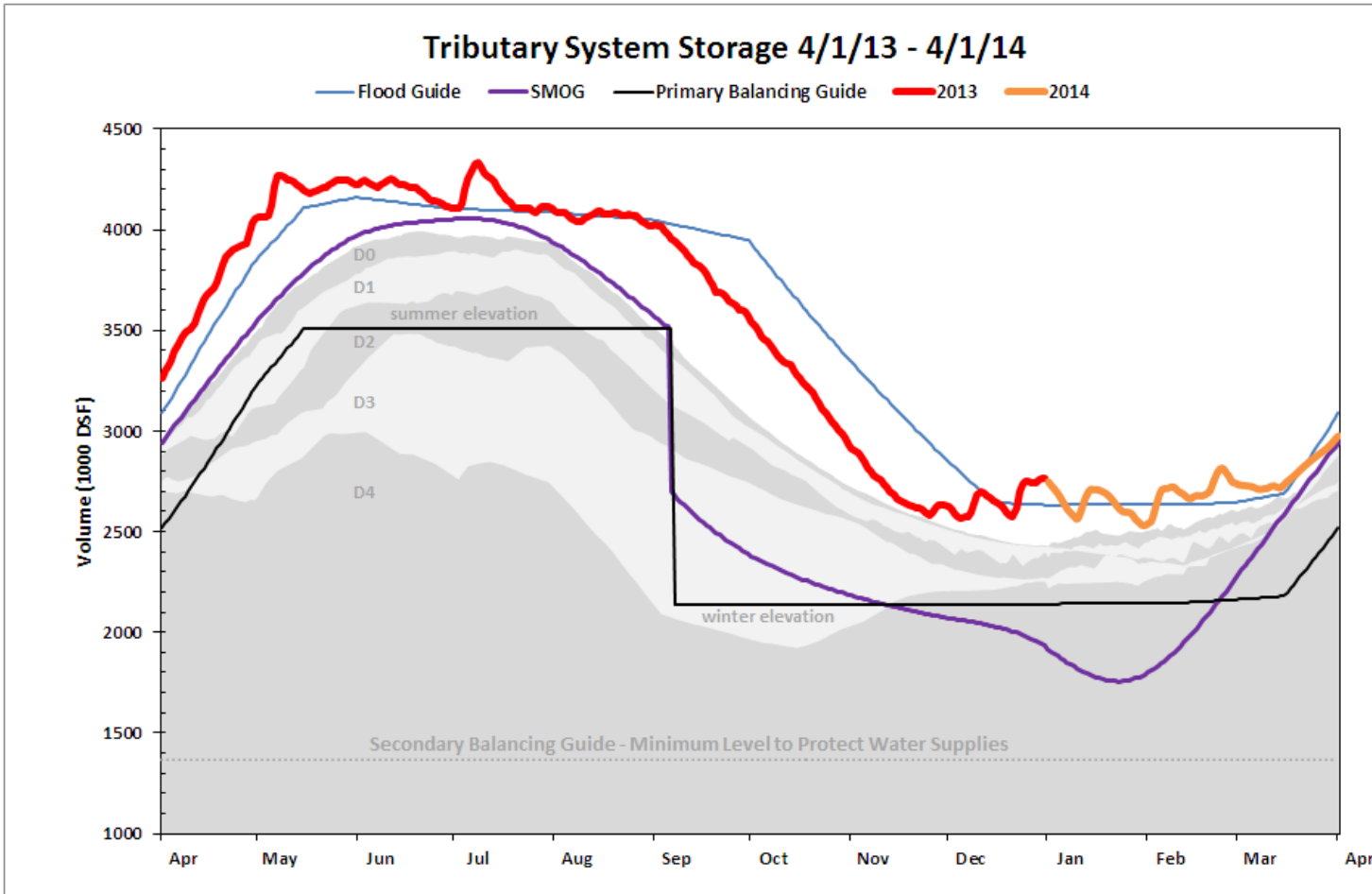


- 4 Hydroelectric Dams
 - Apalachia
 - Hiwassee
 - Chatuge
 - Fontana
- Brookfield Renewable Energy Coordination
 - Nantahala
 - Santeetlah
 - Cheoah
- TN River System Users
 - 16 Municipalities
 - 13 Industries
 - 17 Mining Companies



Tributary System Storage

April 1, 2013 – April 1, 2014



Drought Classifications:

D0 – Abnormally Dry
30-20% (Percentiles)

D1 – Moderate Drought
20-10%

D2 – Severe Drought
10-5%

D3 – Extreme Drought
5-2%

D4 – Exceptional Drought
2-0%

- South Holston
- Cherokee
- Fontana**
- Chatuge**
- Hiwassee**
- Watauga
- Douglas
- Norris
- Nottely
- Blue Ridge



Reservoir Elevations

April 1, 2013 – April 1, 2014

Chatuge – Clay Co., NC Feeds into Hiwassee





Reservoir Elevations

April 1, 2013 – April 1, 2014

Nottely – Union Co., GA Feeds into Hiwassee





Reservoir Elevations

April 1, 2013 – April 1, 2014

Hiwassee





Reservoir Elevations

April 1, 2013 – April 1, 2014

Apalachia



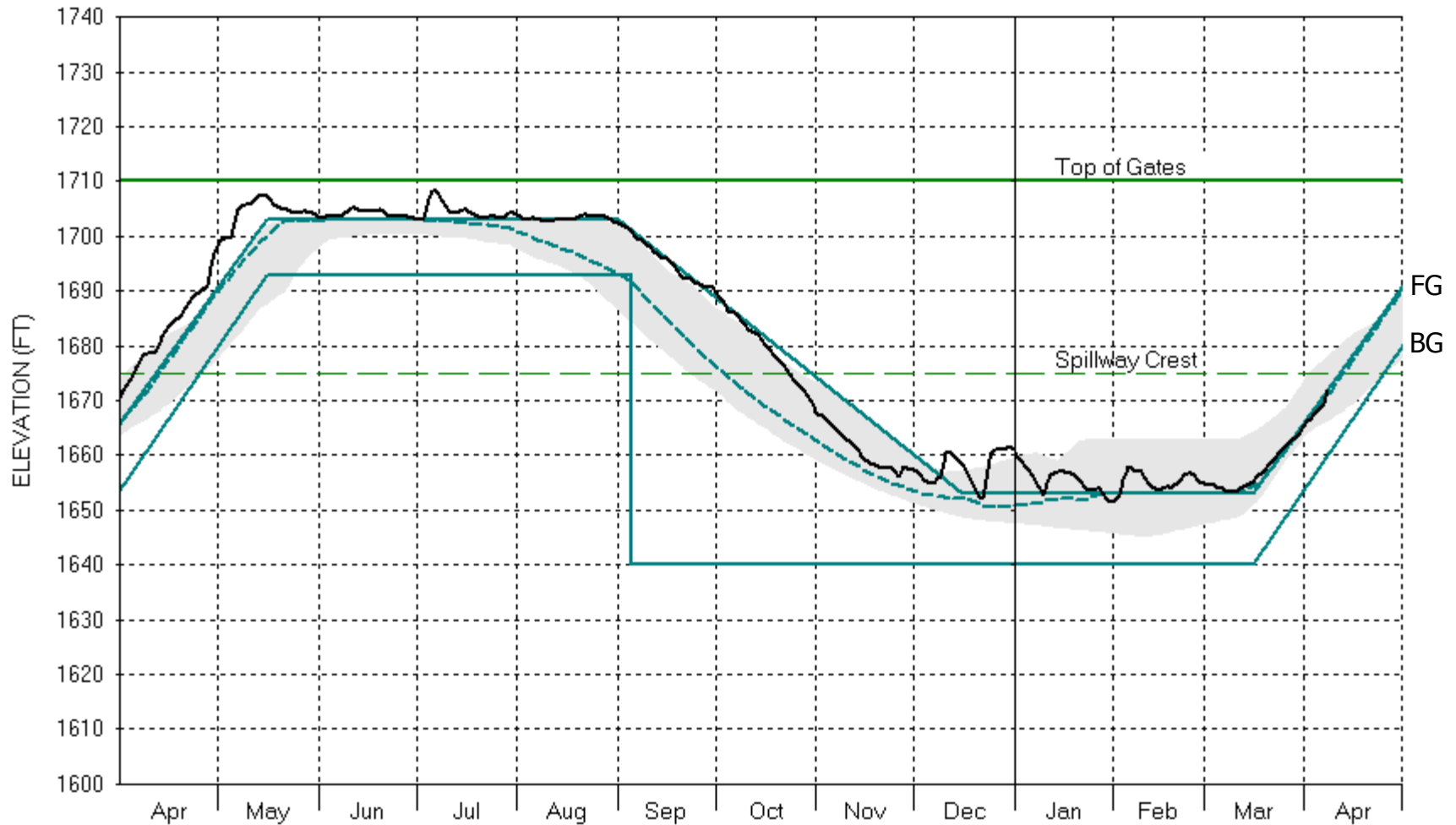
Apalachia has very limited storage in its normal 6-foot operating range (EL. 1272 to 1278) and it is primarily a run-of-the-river project.



Reservoir Elevations

April 1, 2013 – April 1, 2014

Fontana

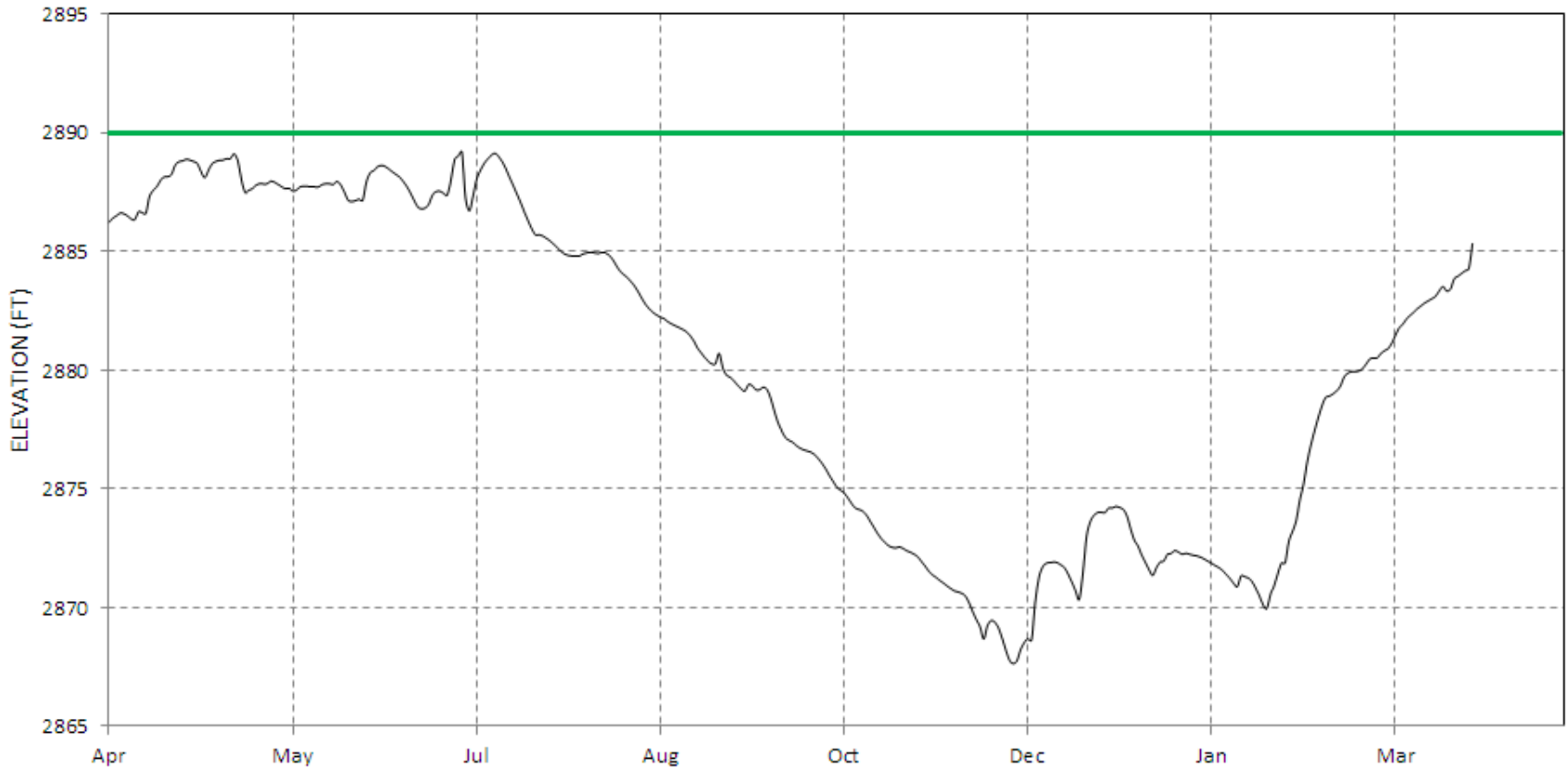




Reservoir Elevations – Brookfield Renewable Energy

April 1, 2013 – April 1, 2014

Nantahala



Owned and operated by Brookfield Renewable Energy.



Reservoir Elevations – Brookfield Renewable Energy

April 1, 2013 – April 1, 2014

Santeetlah



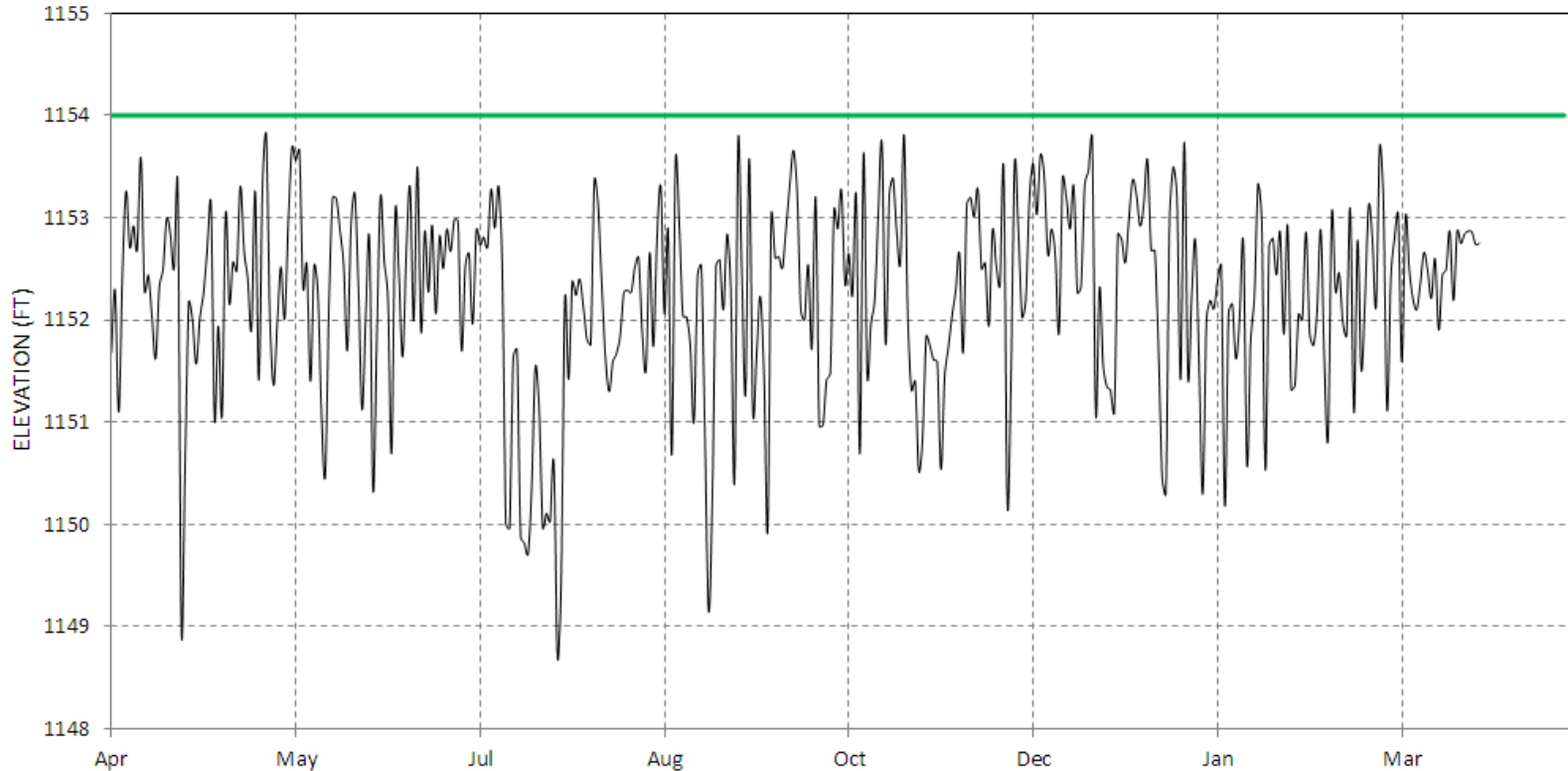
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Reservoir Elevations – Brookfield Renewable Energy

April 1, 2013 – April 1, 2014

Cheoah



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