

Industry News

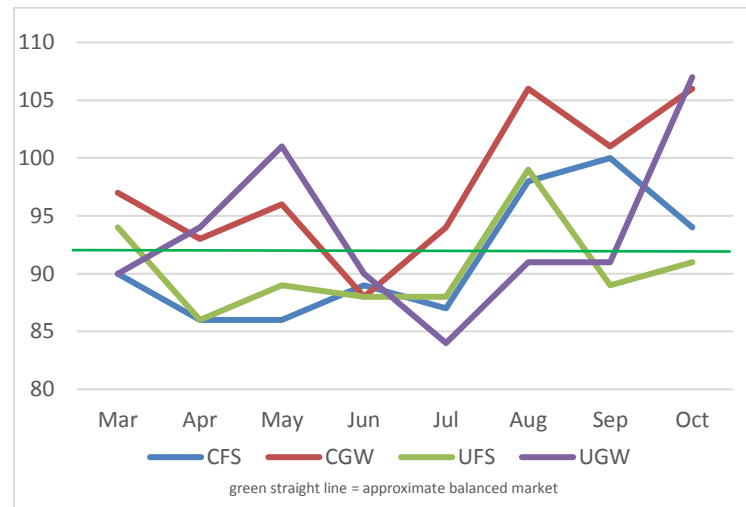
- **World Trade Organization Upholds Existing Antidumping and Countervailing Duties Against Imports of Certain Coated Paper from Indonesia**
 - Duties (38% total) originally imposed on Oct. 2010 will remain in effect; applies to coated paper in sheet form
 - <http://investor.versoco.com/2017-12-07-WTO-Panel-Upholds-the-Imposition-of-Antidumping-and-Countervailing-Duties-on-Imports-of-Certain-Coated-Paper-from-Indonesia>
- **SAPPI Invests in Paper Machine at Cloquet, MN mill**
 - \$5.94MM investment to rebuild headbox on PM 12
 - Dilution profiled headbox will improve product quality on graphic papers and packaging products
 - <https://www.sappi.com/sappi-north-america-invests-594-million-cloquet-minn-mill>
- **Appleton Coated Restarts on Limited Basis**
 - Recently idled mill starts up one of three paper machines
 - Production limited to brown medium and inkjet book only
 - <http://www.wbay.com/content/news/Appleton-Coated-restarting-machine-calling-back-50-workers-462374913.html>
- **Norske Scog Enters into Structured Auction Process**
 - Largest creditor forces action as best path forward
 - 7 paper mills will continue to operate as new ownership is sought
 - <https://www.reuters.com/article/norske-skogsind-aker/update-2-end-of-road-looms-for-norske-skog-as-aker-seeks-to-buy-paper-mills-idUSL8N1NT1F3>
- **Forest Stewardship Council Publishes Revised Trademark Standard**
 - Revised standard specifies requirements for use of FSC trademarks, for promotion of FSC certified products and for promotion of organization's status as an FSC certificate holder
 - New standard effective 3/1/2018
 - <https://us.fsc.org/en-us/newsroom/newsletter/id/1010>

Uncoated Freesheet and Groundwood Focus

- Capacity reductions on uncoated freesheet as a result of closure of West Linn and Appleton Coated plus announced paper machine closure by Georgia Pacific and conversion by PCA both in Q1 2018 will have removed approximately 8% of North American uncoated freesheet capacity.
- Trade case against Canadian producers of newsprint and high bright groundwood grades could result in price increases and possibly even capacity reductions as a result of duties placed on paper coming to US.
- Both circumstances combined could result in longer lead times and/or higher prices for both product segments (SC papers excluded). Grade substitution could be possible and add to lead times to one product segment or the other.
- A new round of price increases in early stages in both segments have been announced since December 1 (Verso, Twin Rivers, Resolute).
- Forecasting and early planning of print projects key to reduce impact.

Mill Operating Rates

(shipments to capacity - not seasonally adjusted)



Source: RISI, LSC Communications

Product Segment Commentary

- **Coated Freesheet**
 - **Lead times 6 – 10 weeks;** Q4 operating rates in high 90's due to seasonal demand and loss of West Linn, Appleton Coated
 - Near to mid-term forecast is for mills to operate at or close to full capacity which will make it hard to replenish inventory
 - SAPPI conversion project at Skowhegan mill will remove 30 days of production from 1 of 3 paper machines in Q1 2018
 - 2nd \$2.00/cwt price increase of 2017 announced for November 1 will be fully implemented by January 1.
- **Coated Groundwood**
 - **Lead times 4 – 8 weeks;** Q4 operating rates in high 90's to over 100 due to seasonal demand and July capacity loss
 - \$1.00/cwt increase announced for October 1 will be fully implemented by January 1
 - UPM PM5 closure at end of Q1 2018 will keep remaining capacity busier in H1 2018 than historical averages
- **Uncoated Freesheet**
 - **Lead times 3 – 6 weeks;** operating rates near 90%
 - Outlook for Q1 2018 is that capacity reductions could result in longer lead times and possible price increases
 - Decreased supply to West Coast coming in 2018 could require longer lead times and/or freight considerations
- **Uncoated Groundwood**
 - **High bright ground grades lead times 6 – 10 weeks; newsprint lead times 6 – 8 weeks; SC lead times 4 – 6 weeks**
 - High brights impacted by earlier capacity reductions; NorPac trade case rulings expected 1/8/18 and 1/16/18, could result in significant duties against Canadian producers
 - Newsprint capacity closures resulting in high operating rates and higher prices for near to mid-term
 - Demand for SC grades falls off after holiday advertising season.