



Why is curtailment a thing?

The Economist explains

Why Britons love to queue

The economics of queuing-is it really the best system?







Impact

Generators

- Revenue
- Financial Viability

Offtakers

- Energy Shortfall
- Increased Procurement Costs

Investors

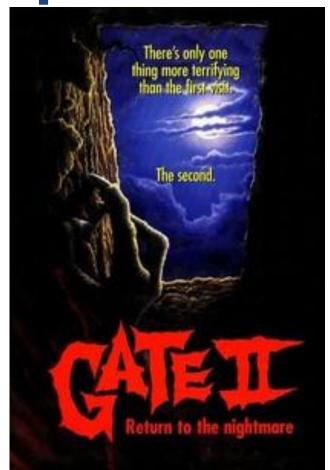
Reduced
 Shareholder
 Returns



It's about to get more complex

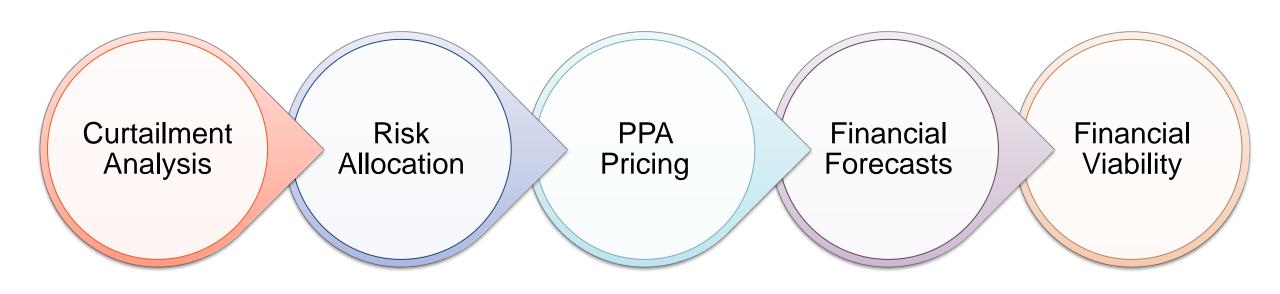
Risk of project losing position

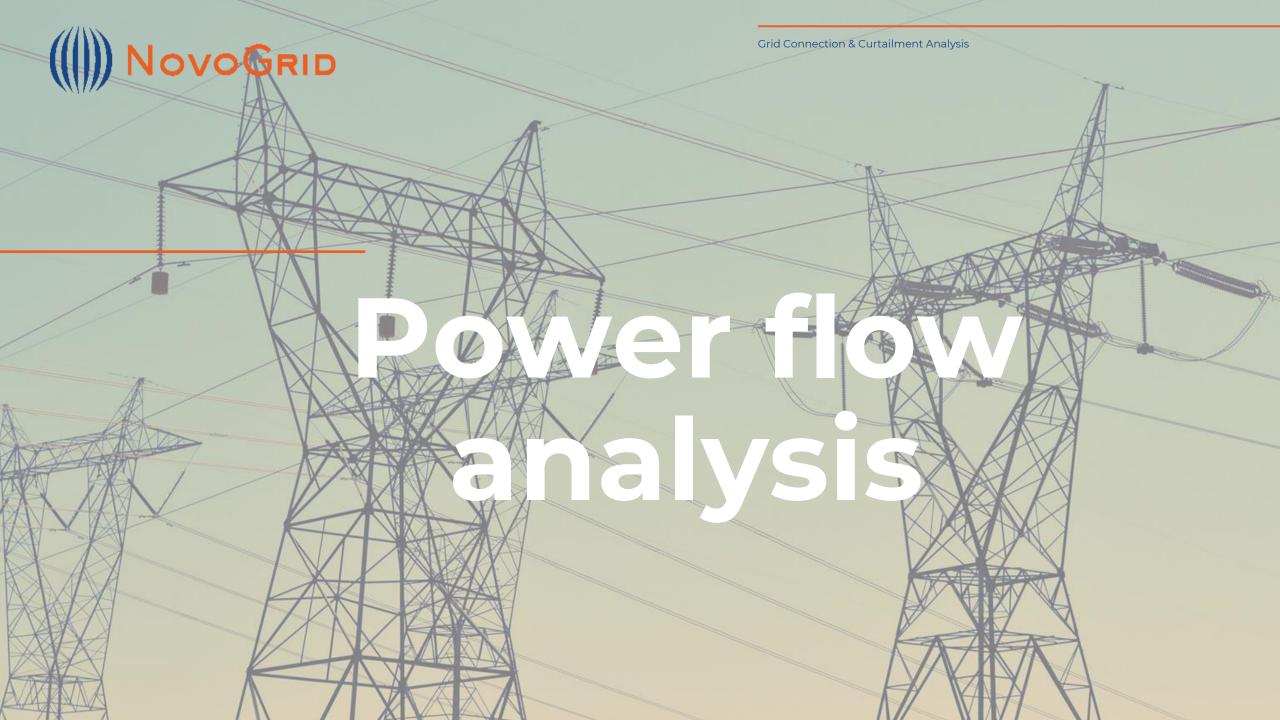
Project won't connect in next 5 or 10 years





How on earth do we model for this?







Multiple Future Scenarios

	Normal Conditions			Outage Conditions		
Queue Position	5	10	15	5	10	15
Hours Curtailed	837	839	1197	1620	1622	1986
% Availability	90.45	90.42	86.34	81.51	81.48	77.33
Total curtailment						
[MWh]	11,742.34	11,797.44	39,750.78	49,704.61	49,712.17	58,380.84
Max curtailment [MW]	21.59	21.43	40.00	40.00	40.00	40.00
Adjusted yield [MWh]	65,128	65,073	37,120	27,166	27,158	18,490
% Curtailment	15.27	15.34	51.71	64.66	64.67	75.94



Changes in future demand and supply

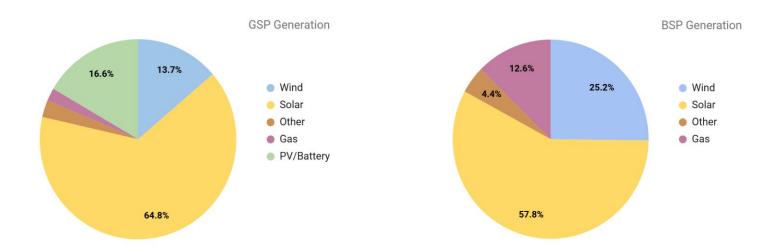
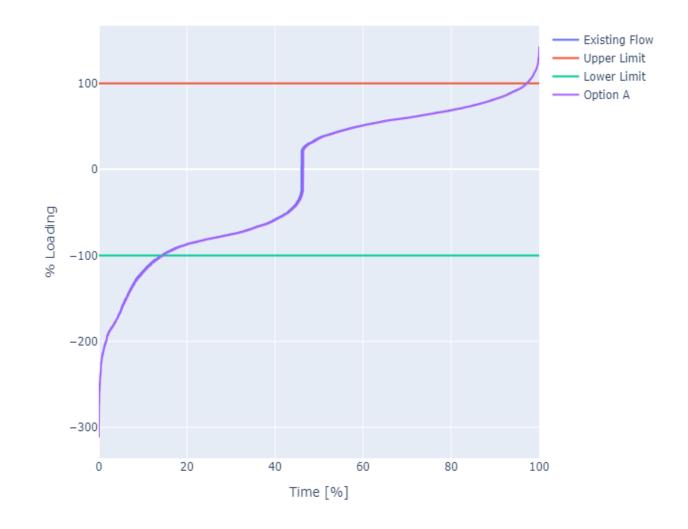


Figure 1. Proportion of Generator Connections by Technology (GSP & BSP)



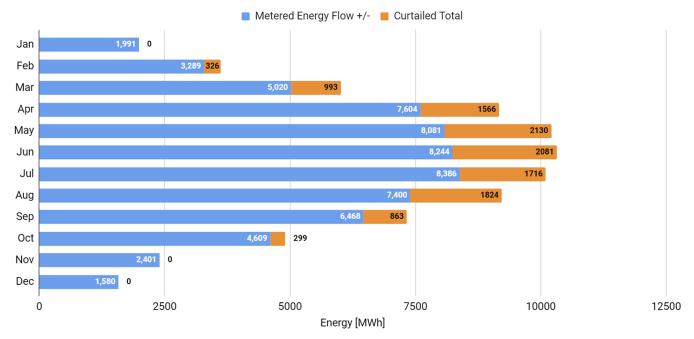
Remedies





Input into financial models and investor packs







GB wide coverage and beyond







Thank You!

info@novogrid.com