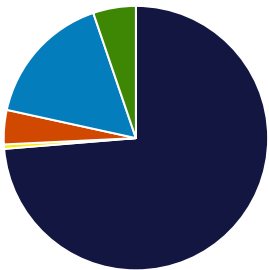


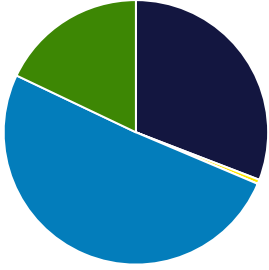
# DKIS Renewables Report: 7 Apr 2025 - 6 Jul 2025

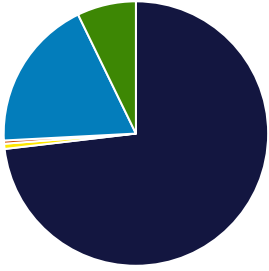
Renewables  
Penetration: 21.6%

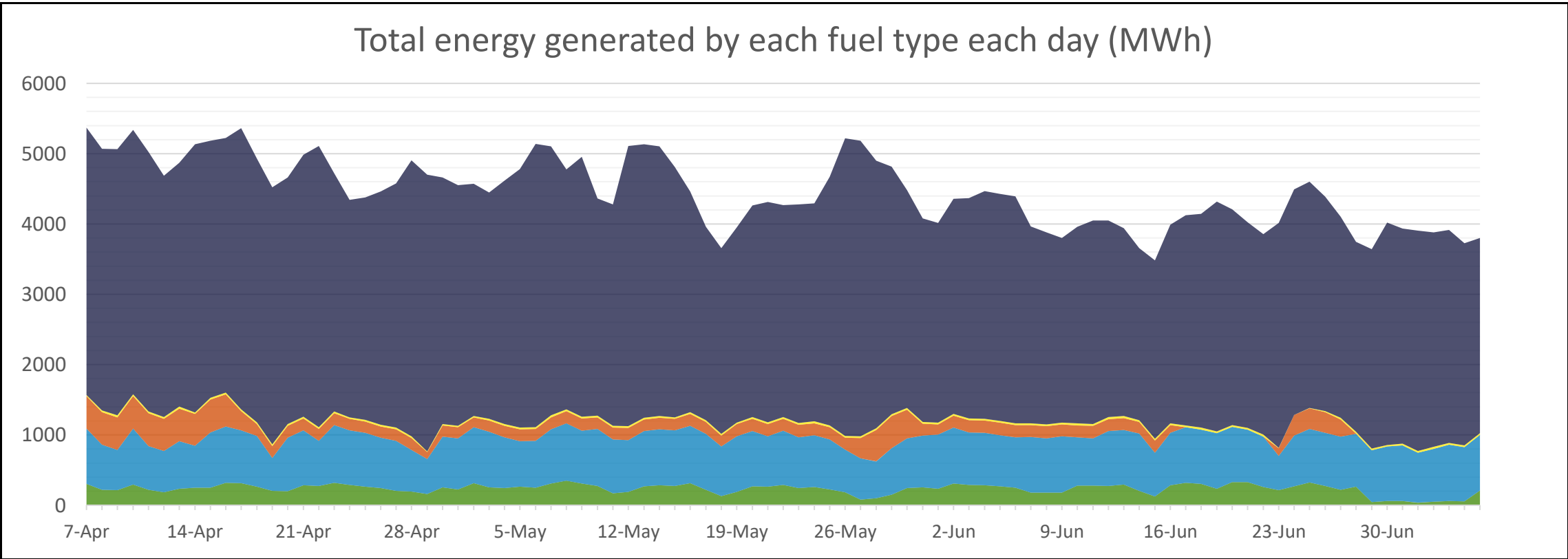
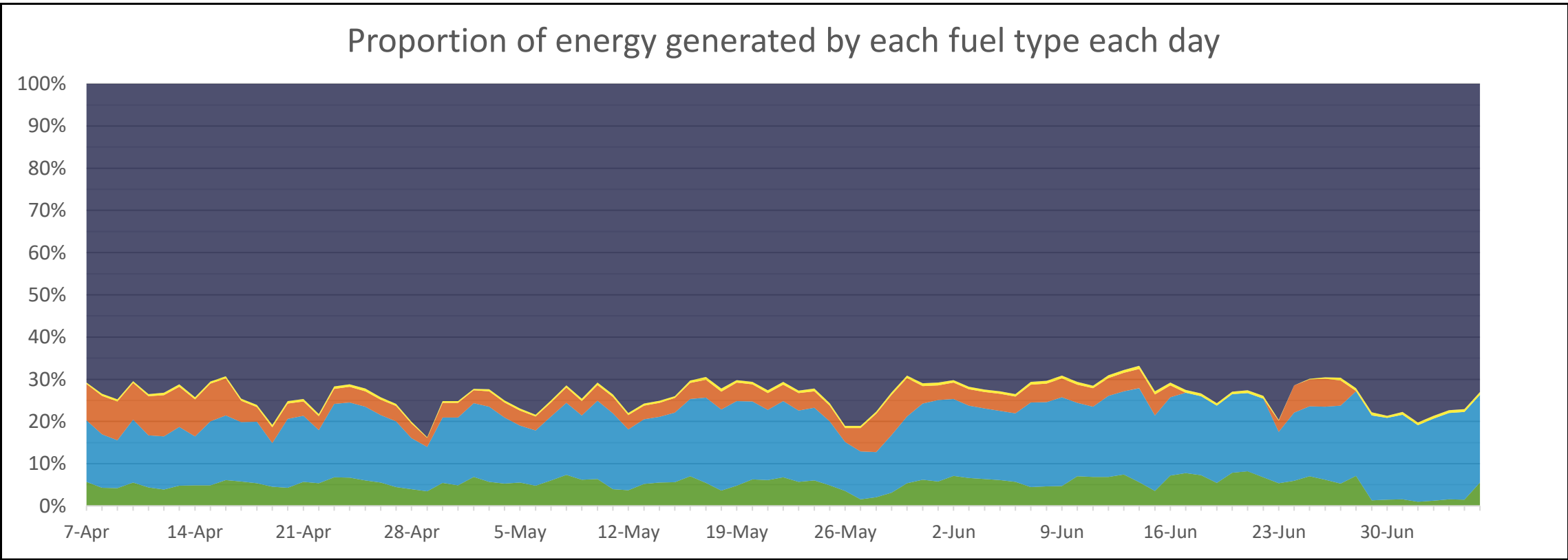
Fossil Fuels: 73.7%      Other Sources\*: 4.7%

Minimum Gross Demand:	103.5	MW @ 4:00, 15 Jun
Maximum Gross Demand:	308.4	MW @ 15:00, 7 Apr
Minimum Net Demand:	77.9	MW @ 12:00, 29 Jun
Maximum Net Demand:	250.6	MW @ 18:00, 7 Apr
Maximum Renewable Power:	150.8	MW @ 12:00, 8 May

Total Overall			
Fuel	MWh	Percent	
Fossil	298,839	73.7%	
Biomass	2,180	0.5%	
Steam	16,985	4.2%	
Distributed PV	66,282	16.3%	
Utility Solar	21,195	5.2%	

Best Hour:	68.6%	at	12:00, 21 Jun
Fuel	MWh	Percent	
Fossil	63.0	30.8%	
Biomass	1.1	0.5%	
Steam	0.0	0.0%	
Distributed PV	103.5	50.7%	
Utility Solar	36.6	17.9%	

Best Week:	25.8%	for	16 Jun - 22 Jun
Fuel	MWh	Percent	
Fossil	20,967	73.1%	
Biomass	181	0.6%	
Steam	113	0.4%	
Distributed PV	5,341	18.6%	
Utility Solar	2,065	7.2%	



\* Landfill gas is methane sourced from the Shoal Bay waste facility that is burned to power a generator. This methane is constantly generated by the waste and would otherwise be released into the atmosphere. Therefore, utilising it in this way in fact decreases the emissions by destroying the methane and by offsetting the need for additional fossil fuel generation. (<https://www.epa.gov/lmop/benefits-landfill-gas-energy-projects>)

\* Steam is created using waste heat from fossil fuel generation. The steam is then used to create low-emissions power that offsets the need for additional fossil fuel generation.

**Data sources:**  
Fossil, Biomass, Steam, Utility Solar:  
PWC PI Historian  
  
Distributed PV:  
3rd party estimated actuals

This report is for informational purposes only and is subject to the accuracy of the source data.