

Chester Cathedral Solar Panels Project



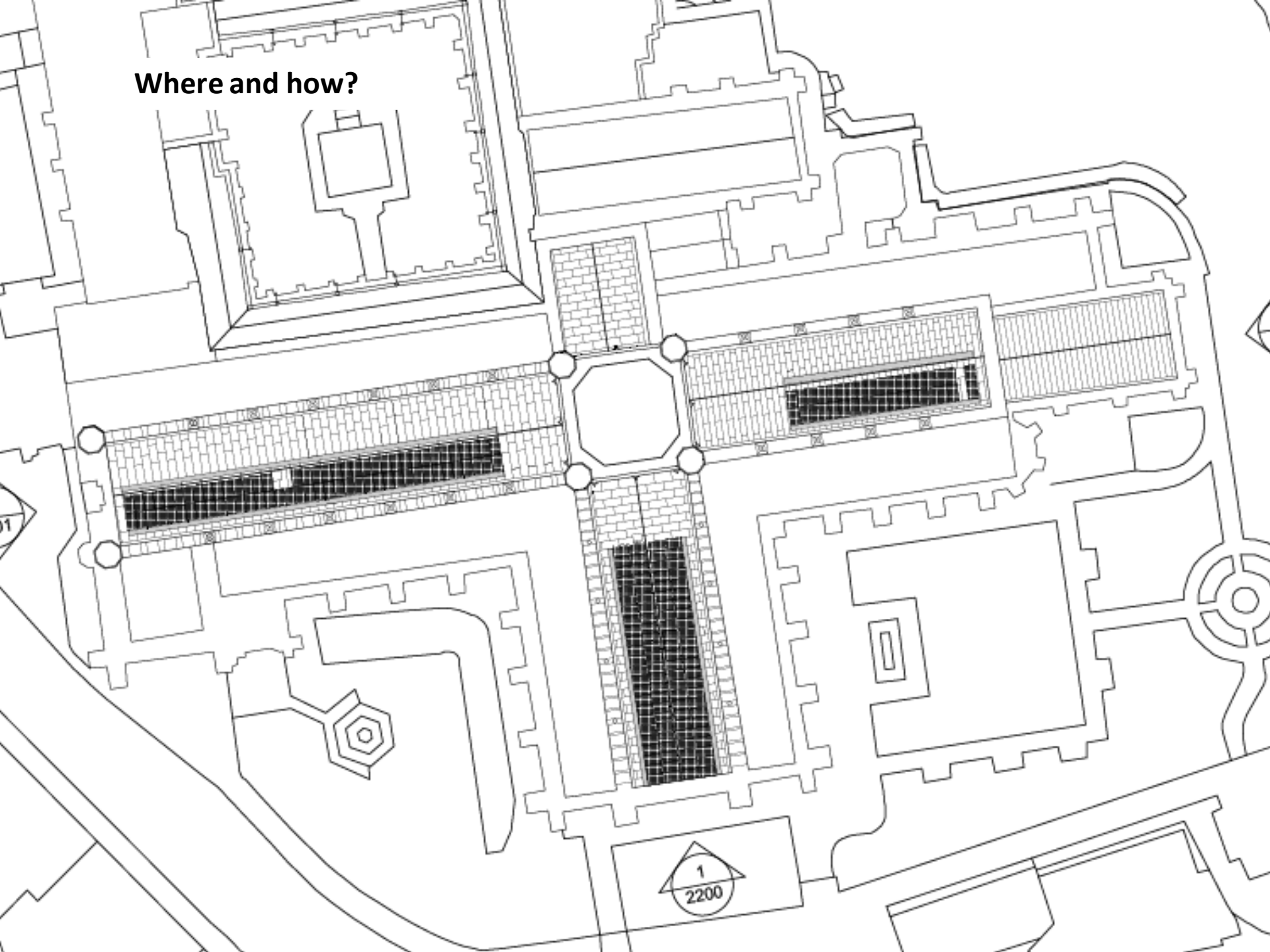
Why?

year	Monthly bill	4.4% increase	yearly total	20% of yearly total
2018	2720.55		32646.60	
2019	3487.99		41855.88	
2020	3641.46	153.47	43697.54	8739.51
2021	3801.69	160.22	45620.23	9124.05
2022	3968.96	167.27	47627.52	9525.50
2023	4143.59	174.63	49723.13	9944.63
2024	4325.91	182.32	51910.95	10382.19
2025	4516.25	190.34	54195.03	10839.01
2026	4714.97	198.72	56579.61	11315.92
2027	4922.43	207.46	59069.12	11813.82
2028	5139.01	216.59	61668.16	12333.63
2029	5365.13	226.12	64381.56	12876.31
2030	5601.20	236.07	67214.34	13442.87
2031	5847.65	246.45	70171.77	14034.35
2032	6104.94	257.30	73259.33	14651.87

Challenges - Financial

Year	Total	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Capital cost	(91,974)	(91,974)														
Donations	20,000	20,000														
Finance agreement	71,974	71,974														
Finance repayments	(96,680)		(13,811)	(13,811)	(13,811)	(13,811)	(13,811)	(13,811)	(13,811)							
Electricity Bills	(510,810)		(27,523)	(29,725)	(29,725)	(32,103)	(32,103)	(34,671)	(34,671)	(37,445)	(37,445)	(40,440)	(40,440)	(43,675)	(43,675)	(47,169)
Predicted Savings pa	102,162		5,505	5,945	5,945	6,421	6,421	6,934	6,934	7,489	7,489	8,088	8,088	8,735	8,735	9,434
Cash-flow																
Cost of solar panels		0	(13,811)	(13,811)	(13,811)	(13,811)	(13,811)	(13,811)	(13,811)	0	0	0	0	0	0	0
Saving		0	5,505	5,945	5,945	6,421	6,421	6,934	6,934	7,489	7,489	8,088	8,088	8,735	8,735	9,434
Annual impact		0	(8,307)	(7,866)	(7,866)	(7,391)	(7,391)	(6,877)	(6,877)	7,489	7,489	8,088	8,088	8,735	8,735	9,434
Cumulative		0	(8,307)	(16,173)	(24,040)	(31,431)	(38,822)	(45,699)	(52,576)	(45,087)	(37,598)	(29,510)	(21,422)	(12,687)	(3,952)	5,482

Where and how?





Installation





Thank you