

LIST OF FIGURES

2.1	How Turbines Work	12
2.2	Content Stream Representation	17
2.3	Quary Stream Attention	18
2.4	Modelling Training with Two-stream Attention	19
3.1	Block Diagram of System Design	22
3.2	Block Diagram of Wind Speed Projection using XLNet	27
3.3	Data splitting of wind speed measurements into training (80%), validation (10%), and testing (10%) sets for model evaluation	30
3.4	Block Diagram of Intermittent occurrence	35
4.1	Comparison chart of actual wind speed and predicted results	39
4.2	Comparison chart of actual wind speed and predicted results	40
4.3	Extreme Intermittency graph	43
4.4	Ditribution Graph	44
4.5	Wind Speed Power Curve	45