



Fig .7: Output voltage waveform of 7-level Fibonacci Series MLI

TABLE-III

THD analysis between different PWM techniques for 7-level Multi Level Inverter is shown in table III.

PWM Technique	Modulation Index		
	0.88	0.93	0.97
PD-PWM %THD	20.03	19.44	18.23
POD-PWM %THD	19.37	18.77	18.01
APOD-PWM %THD	19.34	19.03	18.11
ISC-PWM %THD	19.94	19.16	18.32
VFIS-PWM %THD	19.16	18.47	17.10

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