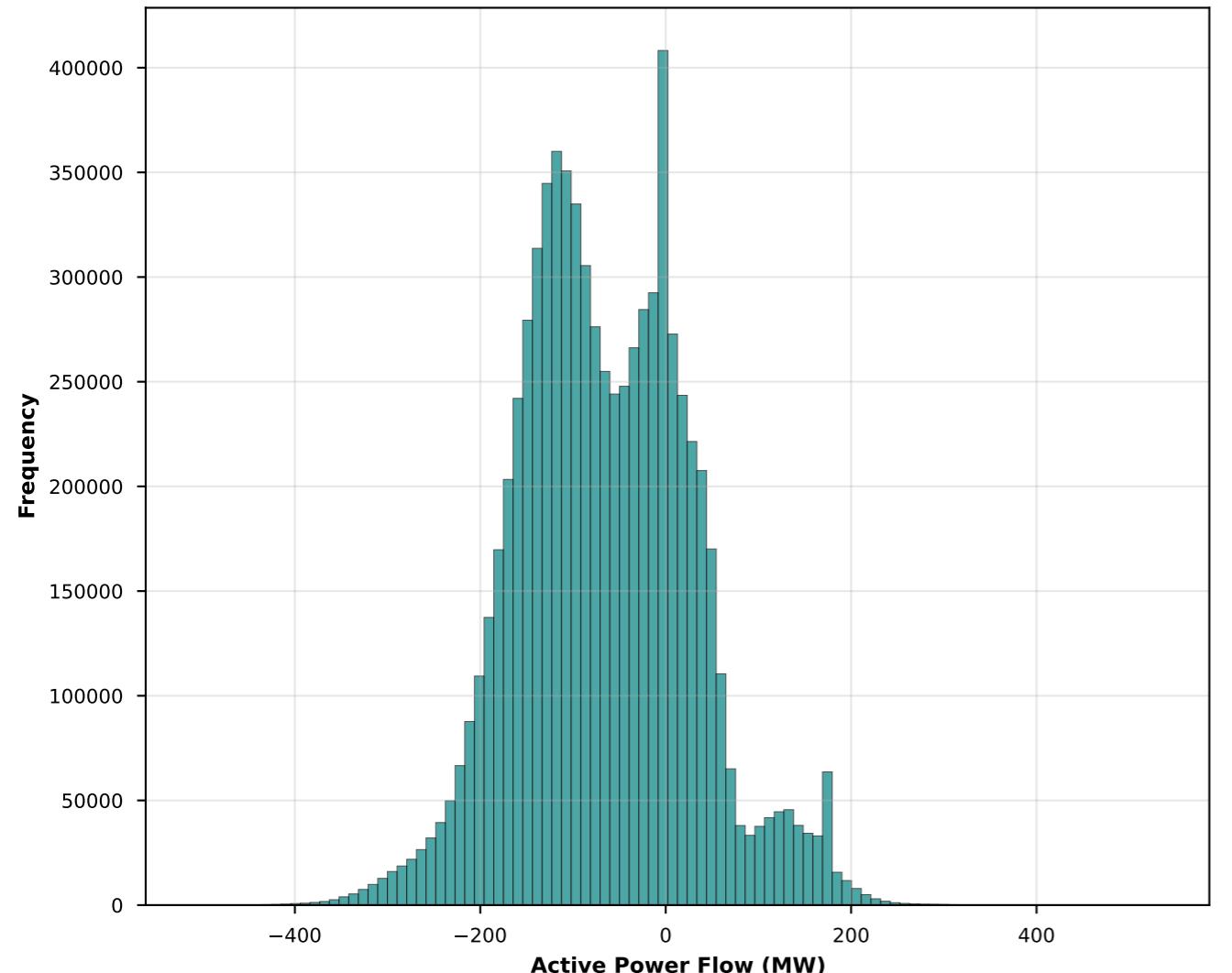


**Branch Active Power Flow Distribution****Branch Reactive Power Flow Distribution**