

PROOFS/NOTES

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1. OVERVIEW

This section describes the modifications proposed for the Canto implementation of the EIP-1559. As opposed to the evmos implementation of EIP-1559, we intend to burn the $\text{baseFeePerBlock} * \text{gasUsed}$

2. IMPLEMENTATION

The implementation of the burning of the baseFee will be done through introducing a dependency between the Distribution Keeper, and feeMarket Keeper as such, in `x/Distribution/types/interfaces.go`

```
//In x/distribution/types/interfaces.go
type FeeMarketKeeper interface{
    GetBaseFee(ctx sdk.Context) *big.Int
    GetBlockGasWanted(ctx sdk.Context) uint64
}
```

3. MATH

Theorem 3.1.