Suter Test Chain Gas Cost

Since our test chain uses the Zether framework, here are some measurement data from the Zether test result. The total gas cost includes the basic cost for sending a transaction, the storage cost as well as the proof/signature verification. The majority of the cost is produced by elliptic-curve operations by factoring out their gas cost. For a transfer transaction, the elliptic curve operations make up 90% of the total cost. For a fund transaction, the majority of the cost comes from initializing a new account. Adding funds to an existing account is significantly cheaper.

	Gas Cost
Burn	384 k
Fund	260 k
Transfer	7188 k

Fig. 1. Suter Test Chain Gas Cost