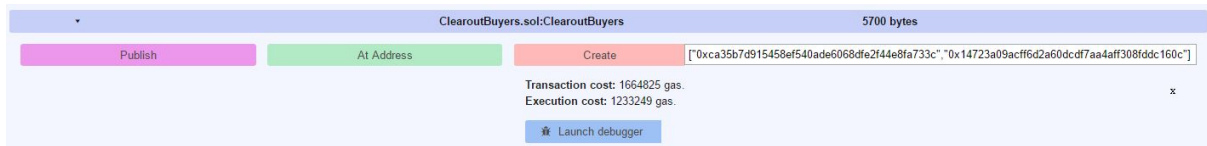
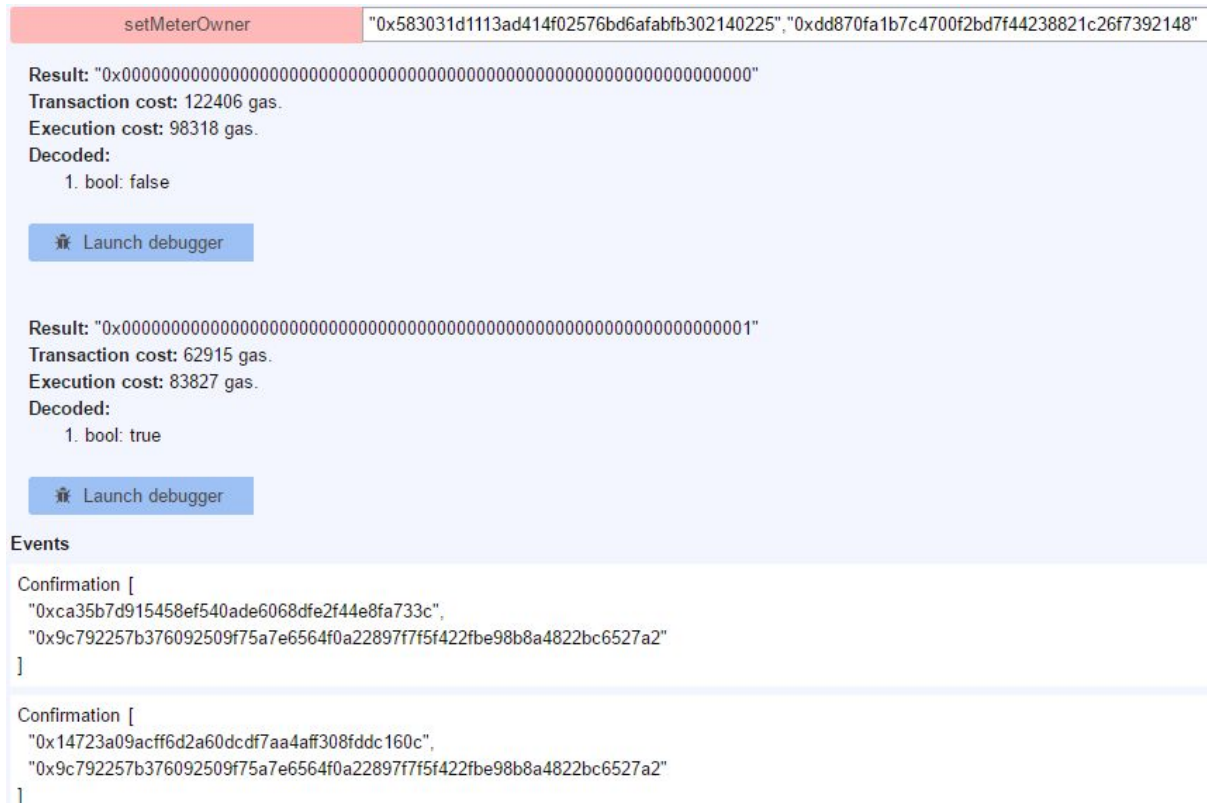


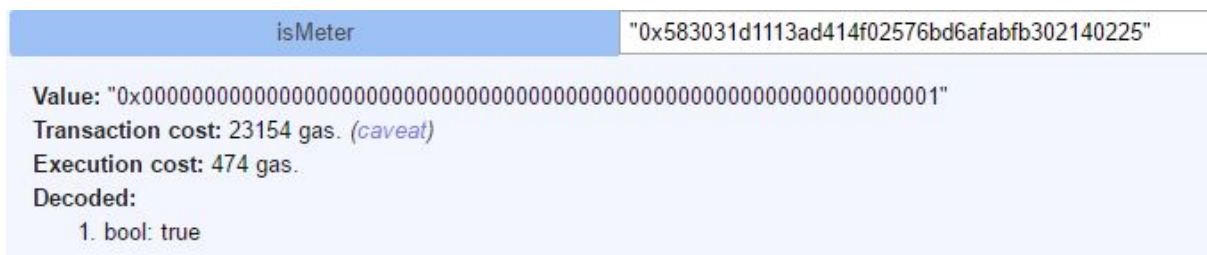
测试时间：2017-6-27
测试环境：remix.ethereum.org
1、部署智能合约



2、setMeterOwner 要求多签名



设置成功后，可以查看电表是否注册过：



只有注册过的电表才能设置初始值和提交电表读数

3、setInitialMeter

withdrawPower	150,1,"0x583031d1113ad414f02576bd6afabfb302140225",0,0,"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
---------------	---

Result: "0x00" x
Transaction cost: 123025 gas.
Execution cost: 98297 gas.
Decoded:
1. bool: false

 Launch debugger

Result: "0x0001" x
Transaction cost: 35253 gas.
Execution cost: 45777 gas.
Decoded:
1. bool: true

Confirmation [
"0xca35b7d915458ef540ade6068dfe2f44e8fa733c",
"0x114657dc41283b1c436fd60a3bf6aaaaeb875691203e8e62e90dce733a84ee30"
]

Confirmation [
"0x14723a09acff6d2a60dcdf7aa4aff308fddc160c",
"0x114657dc41283b1c436fd60a3bf6aaaaeb875691203e8e62e90dce733a84ee30"
]

WithdrawPower [
"150",
"1",
"0x583031d1113ad414f02576bd6afabfb302140225",
"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
]

withdrawPower	180,2,"0x583031d1113ad414f02576bd6afabfb302140225",0,0,"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
---------------	---

Result: "0x00" x
Transaction cost: 123025 gas.
Execution cost: 98297 gas.
Decoded:
1. bool: false

 Launch debugger

Result: "0x0001" x
Transaction cost: 35282 gas.
Execution cost: 45835 gas.
Decoded:
1. bool: true

```
Confirmation [
  "0xca35b7d915458ef540ade6068dfe2f44e8fa733c",
  "0xb29893c99946787d1db422a2f4514756a1e0add0b0c7f9bcd588987fbdf94344"
]
```


```
Confirmation [
  "0x14723a09acff6d2a60dcdf7aa4aff308fddc160c",
  "0xb29893c99946787d1db422a2f4514756a1e0add0b0c7f9bcd588987fbdf94344"
]
```

```
WithdrawPower [
  "180",
  "2",
  "0x583031d1113ad414f02576bd6afabfb302140225",
  "0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
]
```

<div>withdrawPower</div>	<div>200,3,"0x583031d1113ad414f02576bd6afabfb302140225",0,0,"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"</div>
<div>Result: "0x00"</div> <div>Transaction cost: 123025 gas.</div> <div>Execution cost: 98297 gas.</div> <div>Decoded:</div> <div>1. bool: false</div> <div>Launch debugger</div>	<div>x</div>
<div>Result: "0x0001"</div> <div>Transaction cost: 35305 gas.</div> <div>Execution cost: 45881 gas.</div> <div>Decoded:</div> <div>1. bool: true</div>	<div>x</div>
<div>Confirmation [</div> <div>"0xca35b7d915458ef540ade6068dfe2f44e8fa733c",</div> <div>"0xdb266b2eb8a0219a257e07aecc7035f191078671176811ff920d39d30e178a64"</div> <div>]</div>	<div>x</div>
<div>Confirmation [</div> <div>"0x14723a09acff6d2a60dcdf7aa4aff308fddc160c",</div> <div>"0xdb266b2eb8a0219a257e07aecc7035f191078671176811ff920d39d30e178a64"</div> <div>]</div>	<div>x</div>
<div>WithdrawPower [</div> <div>"200",</div> <div>"3",</div> <div>"0x583031d1113ad414f02576bd6afabfb302140225",</div> <div>"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"</div> <div>]</div>	<div>x</div>

withdrawPower	200,0,"0x583031d1113ad414f02576bd6afabfb302140225",0,0,"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
---------------	---

Result: "0x00" x
Transaction cost: 122961 gas.
Execution cost: 98297 gas.
Decoded:
1. bool: false

 Launch debugger

Result: "0x00" x
Transaction cost: 25071 gas.
Execution cost: 25477 gas.
Decoded:
1. bool: false

Confirmation [
"0xca35b7d915458ef540ade6068dfe2f44e8fa733c",
"0xaab7547a923a73c1dcc983a31e930220ae9057abbbb8b6424d256c3ef42beef"
]

Confirmation [
"0x14723a09acff6d2a60dcdf7aa4aff308fddc160c",
"0xaab7547a923a73c1dcc983a31e930220ae9057abbbb8b6424d256c3ef42beef"
]

WithdrawPower [
"0",
"0",
"0x583031d1113ad414f02576bd6afabfb302140225",
"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
]

withdrawPower	200,0,"0x583031d1113ad414f02576bd6afabfb302140225",1,0,"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"
---------------	---

Result: "0x00" x
Transaction cost: 123153 gas.
Execution cost: 98297 gas.
Decoded:
1. bool: false

 Launch debugger

Exception during execution. (invalid opcode). Please debug the transaction for more information. x

Confirmation [
"0xca35b7d915458ef540ade6068dfe2f44e8fa733c",
"0xdc1496b131b510b6b05f23b47fc9258cf94d01296bdc2861288ef05691c10152"
]

withdrawPower

300,1,"0x583031d1113ad414f02576bd6afabfb302140225",0,1,"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"

Result: "0x00"

Transaction cost: 123153 gas.

Execution cost: 98297 gas.

Decoded:

1. bool: false

Launch debugger

Result: "0x0001"

Transaction cost: 35317 gas.

Execution cost: 45777 gas.

Decoded:

1. bool: true

Confirmation [

"0xca35b7d915458ef540ade6068dfe2f44e8fa733c",

"0x3291bae98b779794de26294f5852cc64520f8825f71c9f2c451328b06d4d1659"

]

Confirmation [

"0x14723a09acff6d2a60dcdf7aa4aff308fddc160c",

"0x3291bae98b779794de26294f5852cc64520f8825f71c9f2c451328b06d4d1659"

]

WithdrawPower [

"300",

"1",

"0x583031d1113ad414f02576bd6afabfb302140225",

"0xdd870fa1b7c4700f2bd7f44238821c26f7392148"

]

6、submitPower

submitPower

150,1,0

Result: "0x00"

Transaction cost: 19632 gas.

Execution cost: 12848 gas.

Decoded:

1. bool: true

SubmitPower [

"150",

"1"

]

submitPower

180,2,0

Result: "0x00"

Transaction cost: 19717 gas.

Execution cost: 12933 gas.

Decoded:

1. bool: true

