

Solana RNG / Oracle Evidence Report

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1. Transaction Details (Solscan reference)

Solscan Link:
<https://solscan.io/tx/5s1N4ZfXETh3AgpJfUR57xMkGtetmKQ5UMMtVWxXdQa85XjrFi9m5A8rBZwnk6yQa98Hyd7Ar3xujV687zn8cJSo>
Signature: 5s1N4ZfXETh3AgpJfUR57xMkGtetmKQ5UMMtVWxXdQa85XjrFi9m5A8rBZwnk6yQa98Hyd7Ar3xujV687zn8cJSo
Signature Status (RPC):
{ "confirmationStatus": "finalized", "confirmations": null, "err": null, "slot": 357054852, "status": { "Ok": null } }

Field	Value
Slot	357054852
Block time (UTC)	2025-08-01 00:43:59 UTC

Index	Address	Signer	Writable	Pre SOL	Post SOL
0	proovpdnvjbuxjGspQ4ABSqKs7yNJBvkMKMmsgufbjm1	True	True	263.315229602 SOL	263.315209602 SOL
1	proov2GxFncZCwzoYwCw9rM4UMEqotuQp2wReSSP89j	True	False	0.000000000 SOL	0.000000000 SOL
2	proovL22gkDf7FwWFwuWDxJJ8sTqXLoadwyDFuVnF81	True	False	0.000000000 SOL	0.000000000 SOL
3	proovRQJoxBBsajKZR8i83xFVWApsfeyXvLbgtbboXc	True	False	0.000000000 SOL	0.000000000 SOL
4	6kRQgeBFq3Qh32rP16cGz9gisfMUM6umFpPZVwkQx8Ez	False	True	1284.938262662 SOL	10993.45427020 SOL
5	8W79rLdgo7CCeyciZD5hRb4X9o2SmZd86eBGMWQnpGd	False	True	16063.005754458 SOL	6354.489746918 SOL
6	AzPKdHpDuBAvqBxBjn86kn16SfRMqzikcrkkhRHMYJbw	False	True	0.001893120 SOL	0.001893120 SOL
7	So1112	False	False	1104.407521082 SOL	1104.407521082 SOL
8	TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA	False	False	4.533101809 SOL	4.533101809 SOL
9	yYWJk6ycNwCPYAjykyJYYDK12geW9JBRI3RqZHuD4Rmt	False	False	0.001179343 SOL	0.001179343 SOL

Program Logs:

0: Program 4pjbtQCpaXFrmT7wcfuCQnAWLCUhRuK9CKQyvou1F5xo invoke [1]
1: Program log: Instruction: SettleUserGain
2: Program TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA invoke [2]
3: Program log: Instruction: TransferChecked
4: Program TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA consumed 6238 of 115447 compute units
5: Program TokenkegQfeZyiNwAJbNbGKPFXCWuBvf9Ss623VQ5DA success
6: Program log: Settled gain of 9708516007540 SPL token So112 for user 5or7BFp7S5wf1DLizS2ieQGxArjXmk5DdCGAPoVJJqsK. Next nonce: 43359
7: Program 4pjbtQCpaXFrmT7wcfuCQnAWLCUhRuK9CKQyvou1F5xo invoke [2]
8: Program 4pjbtQCpaXFrmT7wcfuCQnAWLCUhRuK9CKQyvou1F5xo consumed 2003 of 83462 compute units
9: Program 4pjbtQCpaXFrmT7wcfuCQnAWLCUhRuK9CKQyvou1F5xo success
10: Program 4pjbtQCpaXFrmT7wcfuCQnAWLCUhRuK9CKQyvou1F5xo consumed 119532 of 200000 compute units
11: Program 4pjbtQCpaXFrmT7wcfuCQnAWLCUhRuK9CKQyvou1F5xo success

2. RNG Flow Visualization

RNG flow: User Click -> Off-chain Oracle -> On-chain Program -> Payout Wallet



3. Jackpot Probability (Poisson)

Assumptions: spins=5000, jackpot odds=1-in-1,000,000. lambda = 0.005000

