

Aggregate PoRep Gas Savings

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	PoReps Count	Gas Breakdown	Current PoRep (no batching)				PoRep Count	Gas Breakdown	Aggregate PoRep				Summary	
			Method Breakdown						Method Breakdown					
			ProveCommit	ComputeDataCommitment	SubmitPoRepForBulkVerify	ConfirmSectorProofsValid			ProveCommit	ComputeDataCommitment	SealVerify	Miner Savings	System Savings	
Zero existing sectors	6	ipid + call gas	34479564	8586174	16855764	19451568		ipid + call gas	28112984	8586174				
		syscall gas	208326294	591882	208326294			syscall gas	300591882	591882	300000000			
		message gas	15489978					message gas	51,064,000					
		total	258295836			19451568	6	total	379768866				0.6801395773	0.7313590683
	13	ipid + call gas	82836019	18603377	44651119	20288768		ipid + call gas	38967387	18603377				
		syscall gas	452656048	1282411	451373637			syscall gas	301282411	1282411	300000000			
		message gas	33561619					message gas	58,676,800					
		total	569053686	19885788	496024756	20288768	13	total	398926598	19885788	300000000	0	1.426462133	1.477320532
	26	ipid + call gas	173029912	37206754	96660112	21852668		ipid + call gas	59134664	37206754				
		syscall gas	902747274	2564822	902747274			syscall gas	302564822	2564822	300000000			
	message gas	67123238					message gas	66,289,600						
	total	1142900424	39771576	999407386	21852668	26	total	427989086				2.670396189	2.721455126	
51	ipid + call gas	349749789	72982479	199345553	25301806		ipid + call gas	98359527	72982479					
	syscall gas	1770773499	5030997	1770773499			syscall gas	355030997	5030997	350000000				
	message gas	131664813					message gas	73,902,400						
	total	2252188101	78013476	1970119052	25301806	51	total	527292924				4.27122762	4.319211966	
102	ipid + call gas	713785738	145964958	410268554	33059102		ipid + call gas	179099302	145964958					
	syscall gas	3541546998	10061994	3541546998			syscall gas	360061994	10061994	350000000				
	message gas	26329626					message gas	81,515,200						
	total	4518662362			33059102	102	total	620676496				7.280221486	7.333484502	
205	ipid + call gas	1486939391	293360945	410268554	48755808		ipid + call gas	342191995	293360945					
	syscall gas	7117815045	20222635	7117815045			syscall gas	370222635	20222635	350000000				
	message gas	529240915					message gas	89,128,000						
	total	9133995351			48755808	205	total	801542630				11.39552035	11.45634782	
410	ipid + call gas	3033394682	586721890	1796973348	75362332		ipid + call gas	662159464	586721890					
	syscall gas	14235630090	40445270	14235630090			syscall gas	440445270	40445270	400000000				
	message gas	1058481830					message gas	96,740,800						
	total	18327506602			75362332	410	total	1199345534				15.28125639	15.3440926	
819	ipid + call gas	6196591335	1172012751	3726159273	127534562		ipid + call gas	1299622555	1172012751					
	syscall gas	28436539131	80791893	28436539131			syscall gas	530791893	80791893	450000000				
	message gas	2114381997					message gas	104,353,600						
	total	36747512463			127534562	819	total	1934768048				18.99323927	19.0591565	