

Idle power: 5,696007 W

Instance	Schedule	Actual power [W]			Predictor			Expected power [W]			Eik 1			Eik 2		
		Average	Stddev	Stddev %	Expected	d	Error	Expected	d	Error	Expected	d	Error	Expected	d	Error
1	maxutil	2,359481	0,180714	7,66%	2,136836	0,222645	9,44%	1,559467	0,800015	33,91%	1,916985	0,442497	18,75%	2,780223	-0,420741	-17,83%
1	minutil	2,971497	0,187607	6,31%	2,703515	0,267982	9,02%	2,394313	0,577184	19,42%	2,606238	0,365259	12,29%	2,852760	0,118738	4,00%
1	modpred	1,756642	0,174842	9,95%	1,868759	-0,112117	-6,38%	1,530978	0,225664	12,85%	1,886975	-0,130333	-7,42%	2,733563	-0,976921	-55,61%
1	eik	2,042650	0,309652	15,16%	1,953651	0,088999	4,36%	1,469621	0,573029	28,05%	1,814766	0,227884	11,16%	2,782161	-0,739511	-36,20%
2	maxutil	2,479052	0,149163	6,02%	2,350451	0,128601	5,19%	1,526376	0,952677	38,43%	1,945292	0,533760	21,53%	3,066057	-0,587005	-23,68%
2	minutil	3,226550	0,156965	4,86%	2,741931	0,484619	15,02%	2,200406	1,026144	31,80%	2,520706	0,705844	21,88%	2,920391	0,306159	9,49%
2	modpred	2,113877	0,281409	13,31%	1,851273	0,262604	12,42%	1,470224	0,643652	30,45%	1,903163	0,210714	9,97%	2,923145	-0,809268	-38,28%
2	eik	2,354803	0,413457	17,56%	2,112867	0,241936	10,27%	1,435672	0,919131	39,03%	1,852583	0,502220	21,33%	3,003109	-0,648306	-27,53%
3	maxutil	2,490395	0,302902	12,16%	2,429690	0,060705	2,44%	1,783698	0,706697	28,38%	2,216920	0,273476	10,98%	3,358375	-0,867979	-34,85%
3	minutil	3,295220	0,249588	7,57%	2,926009	0,369211	11,20%	2,418018	0,877202	26,62%	2,794333	0,500886	15,20%	3,323549	-0,028330	-0,86%
3	modpred	2,494037	0,203981	8,18%	2,029229	0,464808	18,64%	1,554069	0,939969	37,69%	2,000837	0,493201	19,78%	3,273867	-0,779830	-31,27%
3	eik	2,506181	0,336527	13,43%	2,208078	0,298103	11,89%	1,541768	0,964414	38,48%	1,989787	0,516394	20,60%	3,301482	-0,795301	-31,73%
4	maxutil	1,767079	0,278342	15,75%	2,330790	-0,563711	-31,90%	1,438395	0,328684	18,60%	1,853273	-0,086193	-4,88%	2,687360	-0,920280	-52,08%
4	minutil	2,450697	0,207316	8,46%	2,585653	-0,134955	-5,51%	2,239044	0,211653	8,64%	2,432446	0,018251	0,74%	2,664728	-0,214031	-8,73%
4	modpred	1,540398	0,274892	17,85%	1,746473	-0,206075	-13,38%	1,377121	0,163276	10,60%	1,721048	-0,180651	-11,73%	2,533502	-0,993104	-64,47%
4	eik	2,012530	0,375205	18,64%	1,844795	0,167735	8,33%	1,369469	0,643061	31,95%	1,674562	0,337968	16,79%	2,528093	-0,515563	-25,62%
5	maxutil	2,503031	0,255100	10,19%	2,517161	-0,014131	-0,56%	1,597597	0,905434	36,17%	2,330790	0,172241	6,88%	3,640853	-1,137823	-45,46%
5	minutil	2,805794	0,181904	6,48%	2,926274	-0,120480	-4,29%	2,312920	0,492875	17,57%	2,751193	0,054602	1,95%	3,398986	-0,593192	-21,14%
5	modpred	2,399481	0,295415	12,31%	2,074429	0,325052	13,55%	1,612848	0,786633	32,78%	1,987379	0,412102	17,17%	2,966553	-0,567072	-23,63%
5	eik	2,823453	0,311120	11,02%	2,208625	0,614828	21,78%	1,580979	1,242474	44,01%	1,953316	0,870137	30,82%	3,009852	-0,186400	-6,60%
Average						0,142318	4,58%		0,698993	28,27%		0,312013	11,69%		-0,567788	-26,61%
Stddev						0,270699	12,08%		0,291642	10,07%		0,272090	10,85%		0,380833	19,20%
AbsAverage						0,257465	10,78%		0,698993	28,27%		0,351731	14,09%		0,610278	27,95%
AbsStddev						0,165059	7,11%		0,291642	10,07%		0,218336	7,46%		0,308186	17,18%
AbsMax						0,614828	31,90%		1,242474	44,01%		0,870137	30,82%		1,137823	64,47%
AbsMin						0,014131	0,56%		0,163276	8,64%		0,018251	0,74%		0,028330	0,86%

$$\text{Predictor: } P_{pred} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \left(\sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} (a_{i,k} \cdot p_{i,k}) + l_j \cdot \max_{\substack{T_i \in \mathcal{T} \\ R_k \in \mathcal{R}}} b_{i,k} \right)$$

$$\text{no B: } P_{noB} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} (a_{i,k} \cdot p_{i,k})$$

$$\text{Eik 1: } P_{Eik1} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} \left(\left(a_{i,k} + \frac{b_{i,k}}{c_k} \right) \cdot p_{i,k} \right)$$

$$\text{Eik 2: } P_{Eik2} = \frac{1}{h} \cdot \sum_{W_j \in \mathcal{W}} \sum_{T_i \in \mathcal{T}} \sum_{R_k \in \mathcal{R}} ((a_{i,k} + b_{i,k}) \cdot p_{i,k})$$