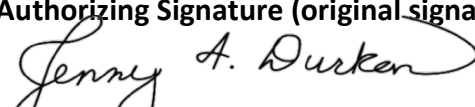




# City of Seattle Boards & Commissions Notice of Appointment

<b>Appointee Name:</b> <i>Timothy O. Skeel</i>		
<b>Board/Commission Name:</b> <i>City Light Review Panel</i>		<b>Position Title:</b> <i>Economist, Position 1</i>
<input checked="" type="checkbox"/> <b>Appointment</b> OR <input type="checkbox"/> <b>Reappointment</b>	<b>City Council Confirmation required?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Appointing Authority:</b> <input type="checkbox"/> City Council <input checked="" type="checkbox"/> Mayor <input type="checkbox"/> Other: <i>Fill in appointing authority</i>	<b>Term of Position: *</b> 4/11/2020 <b>to</b> 4/10/2023  <input checked="" type="checkbox"/> <i>Serving remaining term of a vacant position</i>	
<b>Residential Neighborhood:</b> <i>Central District, District 3</i>	<b>Zip Code:</b> <i>98122</i>	<b>Contact Phone No.:</b> [REDACTED]
<b>Background:</b> <i>Mr. Skeel has thirty-five years of experience applying economic principles, research and analysis to guide public policy, including transportation and utility asset management, capital and O&amp;M expenditure optimization, life cycle costing, risk assessment, integrated resource planning, non-market social and environmental (triple bottom line) valuation, modeling, econometrics, demand forecasting, benefit/cost analysis, utility rate setting, and financial forecasting and analysis.</i> <i>He has held positions that include Principal Economist for the City of Seattle at Public Utilities and the Department of Transportation, Director of Asset Management Services for CH2M Hill, Economics instructor at the University of Washington and North Seattle Community College, Economist for the Montana Department of Natural Resources and independent Asset Management Economics Consultant.</i> <i>Mr. Steel received a Master's degree in Economics from the University of Washington in Seattle, WA, 1983 and has completed all requirements for Ph.D. except dissertation.</i>		
<b>Authorizing Signature (original signature):</b>  <b>Date Signed (appointed):</b> 3/30/2021	<b>Appointing Signatory:</b> <i>Jenny A. Durkan</i> <i>Mayor of Seattle</i>	

\*Term begin and end date is fixed and tied to the position and not the appointment date.

## Timothy O. Skeel



Thirty-five years of experience applying economic principles, research and analysis to guide public policy, including transportation and utility asset management, capital and O&M expenditure optimization, life cycle costing, risk assessment, integrated resource planning, non-market social and environmental (triple bottom line) valuation, modeling, econometrics, demand forecasting, benefit/cost analysis, utility rate setting, and financial forecasting and analysis.

Positions include Principal Economist for the City of Seattle at Public Utilities and the Department of Transportation, Director of Asset Management Services for CH2M Hill, Economics instructor at the University of Washington and North Seattle Community College, Economist for the Montana Department of Natural Resources and independent Asset Management Economics Consultant.

Received Master's degree in Economics from the University of Washington in Seattle, WA, 1983 (completed all requirements for Ph.D. except dissertation).

### Experience

#### *Economics and Asset Management Consulting Services, 2018 – Present*

Provided independent asset management consulting services, including benefit/cost, business case, and financial analyses to Pierce County Transit (Tacoma, WA), Portland General Electric (Portland, OR) and Seattle Public Utilities (Seattle, WA)

#### *Principal Economist/Consultant, Asset and Performance Management, Seattle Department of Transportation, Seattle, WA, 2014 – 2019*

Developed economic decision models and business tools to assist SDOT better manage expenditures to realize best value over cost. Represented the department as its primary authority on the economics and financing of optimal capital and O&M expenditures on its assets. Advised department executives on economic principles, optimal expenditure strategies, and best practices of asset management. Gave written and oral presentations to management, citizen advisory boards, other agencies and organizations about research and analyses on economics and financing of asset life-cycle costing, benefit/cost analyses, risk models, and optimal capital investment strategies. Conducted research and analyses of economic and financial data on asset operation, maintenance, repair and replacement expenditures for economic prioritization models, financial models, and long-range resource planning, including models for pavement, traffic signals, sidewalks, bridges and structures. Developed and used databases for

economic analyses and asset expenditure optimization models. Analyzed the economic impacts of alternative asset investment strategies, determined project and program costs and benefits, and impacts of legislation, regulations, policies and projects. Incorporated analyses of equity impacts of projects and programs to support department goals in promoting diversity, race, and social justice. Conducted collaborative research and analysis with other work groups and organizations. Represented the department in efforts involving research and analysis, asset management best practices, and Transportation Asset Management conference presentations. Developed and gave presentations, participated in webinars, and provided analytical and technical expertise to outside groups, agencies and other transportation departments. Supervised professional technical staff involved in economic and statistical research, analyses and modeling.

*Principal Economist/Strategic Advisor*, Director's Office of Strategic Asset Management, Seattle Public Utilities, Seattle, WA, 2003 – 2009, 2011 - 2014

Helped shape and launch the utility's ongoing asset management program. Responsibilities included developing a structure for benefit/cost analysis evaluation of utility expenditures, managing the training of 200 key SPU employees in principles of optimal asset management, including whole-of-life cost, non-market economic valuation, value engineering, benefit/cost analysis, risk assessment, and customer-centered perspective. Developed a "Quick Start Guide to Business Cases" and template for use at SPU in capital and program investments; a model to forecast long run financial requirements for physical assets based on risk cost and optimal life cycle asset management decisions; a methodology for determining optimal infrastructure investment decisions; models used for optimal infrastructure replacement and optimal heavy equipment and fleet investments; economic structure for optimal maintenance strategy; data and methodology for asset costing; and optimal investment in asset information.

Provided ongoing review and guidance to business unit managers on asset management principles and review and approve business cases prior to funding. Promoted cultural "change management" efforts to establish asset management principles at all levels of decision making at SPU. Gave advice and recommendations to the SPU Director and Executive Team regarding optimal expenditure and policy decisions. Managed formal Value Engineering program to increase value and reduce cost of large capital projects.

*Economics Instructor*, North Seattle Community College, Seattle, WA, 2012 – 2013

Taught undergraduate micro- and macroeconomics principles courses, Econ 201 and 202.

*Director*, Asset Management Services, O&M Business Group, CH2M Hill, Denver, CO, 2010

Developed Economic decision models and business tools to assist clients better manage business value and cost. Models included optimal capital replacement timing, optimal operation and maintenance expenditures, risk cost analysis, benefit-cost templates, project opportunity decision framework. Implemented programs to use benefit-cost analysis in decision making for utilities, cities and other clients.

*Consulting Economist*, US Agency for International Development, Amman, Jordan, 2003

Developed water demand management data and analysis framework and work plan for Jordan's Ministry for Water and Irrigation under contract with USAID.

*Principal Economist*, Resource Management, Seattle Public Utilities, Seattle, WA, 1996 – 2003

Developed SPU's "Conservation Potential Assessment" to determine the least-cost investment path to meet growth in customers. Managed ongoing research and evaluation of integrated supply and demand-management investments to ensure cost-effective delivery and continuous improvement in cost of service. Developed program for incorporating social and environmental costs and benefits into utility investment and policy decisions. Initiated life-cycle cost analysis of utility infrastructure to optimize investment decisions. Participated in development of long range utility policy for infrastructure investments, service and risk. Presented analysis results and proposed strategies to management, elected officials and technical audiences.

*Senior Economist*, Rates and Finance, Seattle Water Department, 1986 – 1996

Responsible for utility water demand forecasting, economic, rate and financial analyses. Developed and maintained econometric demand forecasting models and databases used in rate setting, water conservation program planning and evaluation, integrated resource planning, and utility policy analysis. Developed state of the art integrated demand-supply-cost model used in long range water comprehensive planning. Rate setting work included development of utility revenue requirements, cost allocation to customer classes, and design of seasonal rates. Developed marginal cost methodology and applied marginal cost rate model. Presented results of planning, forecasting, rates and economic analyses to citizen advisory committees, City Council, Mayor's Office, utility managers and technical staff. Responsible for managing consultant contracts involving rate studies, comprehensive system planning, forecasting, databases and model development.

*Economics Instructor*, University of Washington, Seattle, WA, 1982 – 1986

Taught undergraduate micro- and macroeconomics principles courses, Econ 201 and 202.

*Economist*, Montana Department of Natural Resources, Helena, MT, 1978 – 1981

Provided economic and financial analyses for Environmental Impact Statements under Montana's Environmental Policy and Major Facility Siting Acts. Experience included benefit-cost analyses, evaluation of alternative financing structures, assessment of project need, and energy demand forecasting. Other responsibilities included managing consultant contracts, analyzing energy legislation, and supporting development of state conservation policies and legislation.

### **Education**

M.A. Economics, 1983. University of Washington, Seattle (completed all requirements, course work and exams for Ph.D., except dissertation). Fields of specialization: Public Finance, Natural Resource Economics and Labor Economics.

B.A. Economics, 1978. University of Montana, Missoula.

### **Publications and References**

Presented numerous papers and talks at conferences and panels locally, nationally and internationally, including: Transportation Research Board; Society for Advancement of Value Engineering International; American Water Works Association; American Water Resources Association; National Water Resources Association; Water Utility Infrastructure Association; International Water Association; World Water Forum; Global Water Challenge; International Conference on Wadi Hydrology; Sustainable WASH; Environmental Finance Center; Western Economics Association; Society for Benefit-Cost Analysis; Water Environment Federation; and Seattle Management Association.

References will be provided on request.

# City Light Review Panel

9 Members: Pursuant to Ordinance 123256, all members subject to City Council confirmation, 3-year terms:

- 4 City Council- appointed
- 5 Mayor- appointed

**Roster:**

*D	**G	RD	Position No.	Position Title	Name	Term Begin Date	Term End Date	Term #	Appointed By
6	M	3	1.	Economist	Timothy Skeel	4/11/20	4/10/23	1	Mayor
6	M	4	2.	Financial Analyst	Scott Haskins	4/12/20	4/11/23	1	City Council
6	F		3.	Non-Profit Representative	Kerry Lynn Meade	5/1/21	4/30/24	1	Mayor
6	M	6	4.	Residential Customer Representative	Leo L. Lam	10/1/19	9/30/22	1	City Council
6	M		5.	Commercial Customer Representative	Mikel Hansen	4/13/21	4/12/24	2	Mayor
6	F	4	6.	Industrial Customer Representative	Anne Ayre	10/1/19	9/30/22	1	City Council
			7.	Low-Income Customer Representative	Vacant	4/13/21	4/12/24		Mayor
6	M	4	8.	Member at Large	John Putz	10/1/19	9/30/22	2	City Council
6	M		9.	Suburban Franchise Representative	Joel Paisner	5/1/21	4/30/24	1	Mayor

**SELF-IDENTIFIED DIVERSITY CHART**

	<div style="display: flex; justify-content: space-around; font-weight: bold;"> <span>(1)</span> <span>(2)</span> <span>(3)</span> <span>(4)</span> <span>(5)</span> <span>(6)</span> <span>(7)</span> <span>(8)</span> <span>(9)</span> </div>												
	Male	Female	Transgender	NB/ O/ U	Asian	Black/ African American	Hispanic/ Latino	American Indian/ Alaska Native	Other	Caucasian/ Non-Hispanic	Pacific Islander	Middle Eastern	Multiracial
<b>Mayor</b>	3	1								4			
<b>Council</b>	3	1			1					3			
<b>Other</b>													
<b>Total</b>	<b>6</b>	<b>2</b>			<b>1</b>					<b>7</b>			

**Key:**

- \*D List the corresponding *Diversity Chart* number (1 through 9)
  - \*\*G List *gender*, M= Male, F= Female, T= Transgender, NB= Non-Binary, O= Other, U= Unknown
  - RD Residential Council District number 1 through 7 or N/A
- Diversity information is self-identified and is voluntary.*